

19980211.qrp v00_n998.qrs.980211

Date: Wed, 11 Feb 1998 19:03:23 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 998

QRP-L Digest 998

Topics covered in this issue include:

- 1) [3525] RE: drilling holes for Emtech ZM-2, step bit
by Steve Miller <kg7pv@teleport.com>
- 2) [3526] Re: CW Exam question
by Vic Rosenthal <rakefet@rakefet.com>
- 3) [3527] wire antennas
by "Chris Mayer" <crmayer@mindspring.com>
- 4) [3528] Re: need xtal for pixie 2
by launerb@crl.com (William H. Launer)
- 5) [3529] Re: CW Exam question
by K0su@kktv.com
- 6) [3530] Mini Straight Keys
by wsmith@cyberdrive.net (Wayne A. Smith)
- 7) [3531] Re: need xtal for pixie 2
by "John J. McDonough" <jjmcd@mdn.net>
- 8) [3532] Learning CW Question
by Monte Stark <ku7y@sage.dri.edu>
- 9) [3533] re: RTTY this weekend
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 10) [3534] RE: PICs and stuff
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 11) [3535] FYBO
by Bill Howell <bhowell@mail.utexas.edu>
- 12) [3536] Re: 18 mHz operation
by "Basil (Darin) Arrick" <basila@onramp.net>
- 13) [3537] list?
by "ukii" <ukii@megsinet.net>
- 14) [3538] QRP-ARCI Quality Recognition Program
by W2MY & W2MBY <n2mnn@spacegate.com>
- 15) [3539] Fox: Fri Fox changed to Saturday
by W2MY & W2MBY <n2mnn@spacegate.com>
- 16) [3540] Orlando
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 17) [3541] New 40A
by MSU1972@aol.com
- 18) [3542] Re: FYBO Tale de AB7TT (short)
by Steve Galchutt <n0tu@webaccess.net>
- 19) [3543] Re: Learning CW Question

- by Roger Hightower <n7kt@earthlink.net>
- 20) [3544] Mega-Ham week! (long)
by "Robert P. Okas" <vintage@best.com>
- 21) [3545] Re: Learning CW Question
by Hank Kohl K8DD <k8dd@contesting.com>
- 22) [3546] Re: Learning CW Question
by "Frank Grigaliunas" <fgrig@iea.com>
- 23) [3547] Re: Grid Dip Meter?
by "David D. Meacham" <ddm@datatamers.com>
- 24) [3548] Re: Grid Dip Meter?
by "David D. Meacham" <ddm@datatamers.com>
- 25) [3549] Re: Reginald A. Fessenden, 1866-1932
by Sam <kc5tja@animeonline.ml.org>
- 26) [3550] EMTECH ZM-2 COMMENTS
by "David D. Meacham" <ddm@datatamers.com>
- 27) [3551] Re: Learning CW Question
by "Karl B. Staddon" <ve6kbs@agt.net>
- 28) [3552] RE: CW Exam question
by Chuck Carpenter <w5usj@webwide.net>
- 29) [3553] FYBO Score - KA8OKH/qrp
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 30) [3554] PIC related sites
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 31) [3555] Re: A receiver design without a detector
by Leon Heller <leon@lfheller.demon.co.uk>
- 32) [3556] QRP Sprint Team Results:
by Monte Stark <ku7y@dri.edu>
- 33) [3557] Re: One Way Skip - DX -- FRUSTRATION!
by SKIPNC90@aol.com
- 34) [3558] FYBO report
by "Timothy J. Pettibone" <tpettibo@nmsu.edu>
- 35) [3559] HW-9 KIT Wanted
by Scott Bauer <ke3nv@erols.com>
- 36) [3560] re: EMTECH ZM-2 Comments
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 37) [3561] Re: CW Exam question
by Bob Patten <n4bp@bc.seflin.org>
- 38) [3562] FS NW30
by wd4nak@juno.com (CHARLES E HUX)
- 39) [3563] test & re-new license info
by wj5o@juno.com (William H. Hays)
- 40) [3564] Mic-Key
by dave_epps@juno.com (edna m epps)
- 41) [3565] Re: TEK 422
by wa8rxi@juno.com (Rick Arzadon)
- 42) [3566] Liquid Rubber
by dave_epps@juno.com (edna m epps)
- 43) [3567] Stepper Motors

- by "JUNIUS B FOX" <w5hir@gte.net>
- 44) [3568] Re: Test Equipment (signal generator)
by wa8rxi@juno.com (Rick Arzadon)
- 45) [3569] QRP RF Amplifiers - Discussion
by Stan Wilson <microres@crl.com>
- 46) [3570] New web site!
by Roger Braker <msebrakr@telepath.com>
- 47) [3571]
by <rflight@VNET.IBM.COM>
- 48) [3572] Re: QRP RF Amplifiers - Discussion
by Roger Braker <msebrakr@telepath.com>
- 49) [3573] RE: CW Exam question
by Kevin Muenzler <wb5rue@stic.net>
- 50) [3574] ARD Device Models
by Tellefsen Bob-CNSE97 <cns97@lmpsil02.comm.mot.com>
- 51) [3575] Re: FYBO fun - palmtops/TRlog?
by Bruce Grubbs <bog@flagstaff.az.us>
- 52) [3576] Nice Post, Nice Contest, When is BUBBA?
by ji3m@maxwell.com (James R. Duffey)
- 53) [3577] W6TOY down for a while
by Mike Czuhajewski <wa8mcq@u1.abs.net>
- 54) [3578] RE: CW Exam question
by Guy Dragoo <gdrag@proedge.com>
- 55) [3579] High speed code
by Thomas J McCuen <TMcCuen@compuserve.com>
- 56) [3580] Re: New web site!
by Ed Loranger <we6w@qsl.net>
- 57) [3581] PIC code and such
by jim nestor <nestoji@home.com>
- 58) [3582] High speed code (Longish reply)
by "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
- 59) [3583] dits and dashes
by "tom palmer" <n1tp@worldnet.att.net>
- 60) [3584] Stepper Motors
by "JUNIUS B FOX" <w5hir@gte.net>
- 61) [3585] dits and dashes:
by "tom palmer" <n1tp@worldnet.att.net>
- 62) [3586] Re: dits and dashes:
by Ed Loranger <we6w@qsl.net>
- 63) [3587] Re: High speed code
by N9DD@aol.com
- 64) [3588] Re: KNIGHTSMiTe (fwd)
by George Gingell <k3tks@u1.abs.net>
- 65) [3589] No Fox Tonight
by Martin Squicciarini <skitch@resuba.com>
- 66) [3590] New 9850 VFO kit update
by Steven Weber <kd1jv@moose.ncia.net>
- 67) [3591] Re: Reginald A. Fessenden, 1866-1932

by "mahlon.r.haunschild" <mahlon.r.haunschild@ac.com>
68) [3592] Re: Nice Post, Nice Contest, When is BUBBA?
by Monte Stark <ku7y@sage.dri.edu>
69) [3593] Re: High speed code
by Monte Stark <ku7y@sage.dri.edu>
70) [3594] ANT SUPPORT: BEST WAY
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
71) [3595] Re: Nice Post, Nice Contest, When is BUBBA?
by Bob Hightower <ki7mn@dancris.com>
72) [3596] Re: ANT SUPPORT: BEST WAY
by Ed Loranger <we6w@qsl.net>
73) [3597] Re: ANT SUPPORT: BEST WAY
by Ed Loranger <we6w@qsl.net>
74) [3598] Re: ANT SUPPORT: BEST WAY
by Ed Loranger <we6w@qsl.net>
75) [3599] NE-QRP Winter Meeting
by joel malman <malman@world.std.com>
76) [3600] Radio Shack Frequency Counter
by Rick McNelly <72507.235@compuserve.com>
77) [3601] NA5N 38 Magnum?
by Rick McNelly <72507.235@compuserve.com>
78) [3602] Re: Test Equipment
by Rick McNelly <72507.235@compuserve.com>
79) [3603] Re: NA5N 38 Magnum?
by Bob Hightower <ki7mn@dancris.com>
80) [3604] FOX: N/T+ Fox Alert Thursday night - NOLGM
by "Buck, Preston D" <BuckPD@corning.com>
81) [3605] spelling errors
by "tom palmer" <n1tp@worldnet.att.net>
82) [3606] Contest logging programs
by "Michael A. Gipe" <mgipe@reliablemeters.com>
83) [3607] QRP RFI...
by Larry East <w1hue@amsat.org>
84) [3608] Dayton Room Reservation Info
by Hank Kohl K8DD <k8dd@contesting.com>
85) [3609] Dayton list of names/calls. WITH TABS!
by Hank Kohl K8DD <k8dd@contesting.com>
86) [3610] Re: spelling errors
by "Ron Smith" <resmith@primenet.com>
87) [3611] Re: dits and dashes
by Lynn Simons <lsimons1@ix.netcom.com>
88) [3612] FS/Trade: NGC 15M SSB/CW Transceiver
by Vic Rosenthal <rakefet@rakefet.com>
89) [3613] Re: EMTECH ZM-2 COMMENTS
by DYARNES@aol.com
90) [3614] What, pray tell, does FYBP\0 mean?
by "QRPDave" <QRPDave@ocsnet.net>
91) [3615] Java Transmission Line Calculator

by ji3m@maxwell.com (James R. Duffey)

Date: Tue, 10 Feb 1998 16:10:18 -0800
From: Steve Miller <kg7pv@teleport.com>
To: qrp-l@Lehigh.EDU
Subject: [3525] RE: drilling holes for Emtech ZM-2, step bit
Message-ID: <3.0.5.32.19980210161018.007a4ae0@mail.teleport.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

When I built my ZM-1, I used a step drill bit to enlarge the holes after drilling a 1/8th inch pilot hole. Was the first time with the bit and worked extremely well. As mentioned, the bit is available at Sears and comes in several sizes. Kinda spendy but I consider it an absolute must for antenna connector sized holes. By the way, the ZM tuner is great! 73
Steve Miller kg7pv@teleport.com Portland, OR
Norcal #308 QRP-L #109 ARCI #9230

Date: Tue, 10 Feb 1998 16:27:50 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: mgipe@reliablemeters.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3526] Re: CW Exam question
Message-ID: <34E0F086.B8FDBC98@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael A. Gipe wrote:

>
> Ed wrote:
> >What in the heck is a mic?
>
> Good question. My TS570D came with this little remote control thingy that
> you can use to tune up and down.

It is also possible to use this for sending, if a key is not available. Just switch the rig to 'USB' or 'LSB', and whistle into it. You must be very careful to whistle a clean sine wave at a constant frequency, however, or your signal may violate stability/purity standards.

Vic K2VCO
Fresno CA

Date: Tue, 10 Feb 1998 18:32:11 -0600
From: "Chris Mayer" <crmayer@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [3527] wire antennas
Message-ID: <199802110031.TAA05110@camel7.mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have two questions about 80 meter dipoles and inverted V antennas.

1. Does it make any significant electrical difference if you use insulated wire instead of bare wire?
2. Is single strand copper wire more or less likely to stretch than the same ga. multi-strand copper wire?

Thanks for your help.

Chris, WB4HFA

Christopher R. Mayer, AHC
Valasek-Mayer Associates,
The Keyes Group, Inc.
Post Office Box 360808
Birmingham, AL 35236

Phone 205-988-4326
Fax 205-733-0386
<http://www.valmay.com>

Date: Tue, 10 Feb 1998 18:34:34 -0600
From: launerb@crl.com (William H. Launer)
To: msebrakr@telepath.com
Cc: qrp-1@Lehigh.EDU
Subject: [3528] Re: need xtal for pixie 2
Message-ID: <v0153050eb106a1301192@[192.0.2.1]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Arnold,

Tech America has 3.68640 MHz crystals for \$1.18 each in their catalog. They have 2 types: a 20pf unit, and a series unit. I don't know which you need for the Pixie 2.

72/73 Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arco #3551
Grid Square EM48RT

Date: 10 Feb 1998 17:13:44 -0700
From: K0su@kktv.com
To: qrp-l@Lehigh.EDU
Subject: [3529] Re: CW Exam question
Message-ID: <199802110040.TAA12732@nss4.cc.Lehigh.EDU>

Steve,

The VE group here in Colorado Springs usually allows a person to copy the CW exam on a lap top. We do usually ask that the person being tested let us know ahead of time as we test them separately. It is amazing how loud a keyboard can seem to others when they are taking the exam. I suggest you check with the local group where you plan on taking the exam.

Another choice for a practice program is the one sold by Marshall, N1FN at Milestone Technology. I hear it is excellent, and you can practice on paper.

Good luck with whatever way you decide to go.

73, Rick
K0SU
Colorado Springs, CO
CQC #100 -- QRP-L #539
www.qsl.net/k0su

Date: Tue, 10 Feb 1998 19:48:26 -0500
From: wsmith@cyberdrive.net (Wayne A. Smith)
To: qrp-1@Lehigh.EDU
Subject: [3530] Mini Straight Keys
Message-ID: <199802110048.TAA22510@nemesis.cyberdrive.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have recently acquired several of the old push button open frame switches from a telephone company central office. They look like a mini straight key. Simply mount them on a base and you have an instant straight key ideal for QRP. They are complete and in excellent condition. I am open to offers.
Best 72 de Wayne K8FF

Date: Tue, 10 Feb 1998 19:48:21 -0500
From: "John J. McDonough" <jjmcd@mdn.net>
To: <msebrakr@telepath.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [3531] Re: need xtal for pixie 2
Message-ID: <199802110047.4080200@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Roger Braker <msebrakr@telepath.com>; owner-qrp-1@Lehigh.EDU
> about 3.579545 and a few about 27 mhz but I need one that is in the
Novice
> sub-band. Would anybody be willing to sell me one or trade me my
xtal(I've
> also got one for 1.932 mhz) for one in the novice sub-band? Thanks for
any

When I got my Pixie kit from HSC, I ordered the 7.040 crystal, but he said he had 80m crystals, and also asked me if I wanted one in the Novice band, so I assume he had them. The rock was only \$2.95, but the shipping is like \$2 or so. I called 1-800-4HALTED (from the pixie2.txt file at www.qsl.net), gave him my american excess number, and had the kit, xtal and all, in about a week.

FWIW, I had a real problem with broadcast stations feeding through, so I

stuck a cap that seemed about right between the antenna and the board and that made it go away (i think I found around an 80pf in the junkbox). Haven't made any contacts yet - one frequency and that kind of power is pretty challenging, but it has a hot little receiver.

73 de WB8RCR

Date: Tue, 10 Feb 1998 17:09:10 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [3532] Learning CW Question
Message-ID: <Pine.SUN.3.90.980210170625.28501A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Somewhere, out on the WEB, there is a paper that talks about why you shouldn't learn slow code. It starts you off up around 20-30 wpm if I remember right.

I have never really studied the paper but thought I would. But, now I can't find it!!

I thought it was on KA9FOX's page someplace or at least a link from there. But still can't find it.

If someone knows where it's located would you please let me know?

Thanks,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 11 Feb 1998 01:06:02 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU

Subject: [3533] re: RTTY this weekend
Message-ID: <3.0.16.19980211005716.2f7f7e02@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

If you can't bet 'em, join 'em. RTTY is a fun mode. There are sound board decoding programs out there. See how many calls you can copy. And if you still want to do cw this weekend, join me on 30m.

There's always something fun to do.

...Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Tue, 10 Feb 1998 19:23:13 -0600
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: ve7ldh@direct.ca
Cc: qrp-1@Lehigh.EDU
Subject: [3534] RE: PICs and stuff
Message-ID: <3.0.3.32.19980210192313.006978f0@molsun.ophth.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

laura et al,

>>>>

The notion of "graduating" from them to bare PICs is not one I accept: choose the right tool for the job and get on with it!

<<<<

i fully agree with that. what i had meant (even if it didn't come out that way) was that the STAMP was to be my intro level course to learning microcontrollers (programming, i/o). after being somewhat comfortable (not necessarily exper) with the STAMP, i would be ready to start learning how to use the "next level" of PICs, those without PBASIC built in.

for a given use/project, the choice between a standard PIC and a BasicStamp would need to be made, something that couldn't be done properly if one didn't have some experiences with the advantages/disadvantages of each

(cost, simplicity in programming, speed, sharing with others, etc).

hope that came out better :)

--adam, n2brt

=====

Adam B. Kanis

adam-kanis@uiowa.edu

=====

Date: Tue, 10 Feb 1998 19:41:11 -0600

From: Bill Howell <bhowell@mail.utexas.edu>

To: qrp-1@Lehigh.EDU

Subject: [3535] FYB0

Message-ID: <3.0.1.32.19980210194111.00690448@mail.utexas.edu>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I managed 13 contacts during FYB0. I thought there was 'sposed to be some kinda QRP RTTY 'test happening also, but I only printed one guy, who mentioned he was running 3 watts. Didn't sound like a contester, though.

I ran the FYB0 from the toasty comfort of the indoor shack at 70 F (it was only 65 F outdoors).
Five watts out, to a G5RV.

Coldest temp I heard was 28 F.

Stations worked:

NQ7RP	70 F
AB7MY	55
NF0R	50
K07X	37
NC7W	72
KK6MC/5	69
N4ROA	72
AC6KW	60
AD6AY	52
NJ7M	57
N7XJ	60

WQORP 28 brrrr
K0EVZ 35
N5ZGT.....incomplete- faded out

Bill Howell
University of Texas at Austin / Electronic Maintenance
Austin, Texas N5ALO QRP-L #415

Date: Tue, 10 Feb 1998 19:46:29 -0600
From: "Basil (Darin) Arrick" <basila@onramp.net>
To: Stanley Wilson <microres@crl.com>, qrp-l@Lehigh.EDU
Subject: [3536] Re: 18 mHz operation
Message-ID: <199802110145.TAA18877@mailhost.onramp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Anyone operating on 18 mhz qrp ? what kind of rig are you using ?
> Copy any of the BPSK/CCW/CW stations running the beacon on 18.101 mhz ?
> looks like a nice place to play with QRPp... Maybe a qrp dxcc before
> the sun spot cycle really heats the band up.
> de stan ak0b

I've been seriously thinking about going QRP CW mobile on that band. Lots of
folks have told me that 17M is a great mobile band.

Anyone have a design for a cheapie 17m CW transceiver?

Darin "Basil" Arrick, KB5KHR
kb5khr@homestead.org

+-----+		
Basil (Darin) Arrick	P.O. Box 820054, North Richland Hills, TX, 76182	
+-----+		
basil@orthodox.net	Orthodox Christian	http://www.orthodox.net
basil@homestead.org	Homesteader/Farmer	http://www.homestead.org
ICQ # 3352463	ICQ User	http://www.mirabilis.com
	Microsoft NetMeeting	ils.family.four11.com
KB5KHR	Amateur (Ham) Radio	EM12mu
+-----+		

Date: Tue, 10 Feb 1998 19:54:01 -0600
From: "ukii" <ukii@megsinet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [3537] list?
Message-ID: <007601bd368f\$f03d14c0\$794e85d0@ns1.megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello...
Just wondering if it's the list or me...
(no mail for a while)
tnx...
73 de john

Date: Tue, 10 Feb 1998 21:03:09 -0500
From: W2MY & W2MBY <n2mnn@spacegate.com>
To: QRP-L messages <QRP-L@Lehigh.EDU>
Subject: [3538] QRP-ARCI Quality Recognition Program
Message-ID: <34E106DD.201AADC9@spacegate.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello everyone,

The QRP Amateur Radio Club International is proud to announce its Quality Recognition Program. The purpose of this program is to recognize QRPers for their contributions to the QRP hobby through the presentation of a special award. This award is meant to complement the QRP-ARCI Hall of Fame (HOF) Program. Whereas the HOF recognizes lifetime achievements, this award is meant to recognize, and publicize, the shorter-term achievements that help the QRP movement. By way of this award, the QRP-ARCI hopes to encourage others to experience the joys of QRP operation, and to encourage similar helpful contributions.

I would like all of you with web access to look at the QRP-ARCI web page. The announcement is there in glorious HTML and is much more

impressive than the text below. Please publicize this program. If you know of a newsletter editor, send him a copy of this e-mail, or direct him to the web page. Just tell him to send me a note if he decides to publish anything about the program. If you want to nominate someone for this award, all I ask is that you fill in the form completely. We need complete information to: 1) approve the nomination, and 2) to create the wording on the certificate that accurately describes the nominee's contribution.

So lets start spreading the word.

72,

Steve, W2MY

ADDITIONAL INFO, AND FORM

Source of Nominations

Nominations shall be solicited from all QRPers.

Award Presentation Dates

The primary award presentation ceremony will be at the Dayton Hamvention, but other times are possible as deemed appropriate.

Award Categories

There will not be any standard award categories that must be awarded. Awards will be given on a repetitive basis only if there are recipients nominated that deserve the award. Some awards will be unique and given only once, because of the nominee's unique contribution. It is suggested that the word "best" should generally not be used in award category descriptions, as this denotes that only one person ever deserves recognition. Hard working QRPers who are performing a valuable service to our hobby, but their work is not considered the "Best" of a category, certainly deserve to be considered for this award. The word "outstanding" is used below in some suggestions, but any words describing excellence, or the qualities of the particular contribution are acceptable. These are only suggestions.

- Outstanding QRP-ARCI Contestor
- Outstanding Technical Article (not a column)
- Outstanding non-Technical Article (not a column)
- Outstanding Club Kit
- Outstanding QRP Design
- Excellence in Newsletter Publishing
- Outstanding Technical Web Site
- Outstanding General QRP Web Site
- Outstanding QRP Elmer

Voting Body

For the purpose of approving award nominations, each QRP-ARCI B.o.D. member shall have one vote. A two-thirds majority of those casting votes is required to approve an applicant for an award. Therefore, 4 aye votes are required to approve an applicant.

Nomination Form

It is encouraged that the following form be used for nominations. However, a letter to the chairperson is sufficient if ALL of the necessary information is supplied. You can send a nomination to the chairman via e-mail, or snail mail. If you use snail mail, please include 2 units of postage. This will allow the chairperson to confirm to you receipt of the nomination, and to later notify you of the voting results.

Send all nominations to:

Steve Pituch, W2MY
Quality Recognition Program Chairperson
28 Crescent Road
Livingston, NJ 07039
n2mnn@spacegate.com

Quality Recognition Program Nomination Form

Sponsor's Information

Name: _____ Call: _____
Street1: _____
Street2: _____
City: _____ State: __ ZIP: _____
Country: _____
E-mail address: _____

Nominee's Information

Name: _____ Call: _____
Sex: M / F
Street1: _____
Street2: _____
City: _____ State: __ ZIP: _____
Country: _____
E-mail address: _____

Award Category: _____

(Since contributions differ, you are best qualified to describe the nominee's contribution in a short concise phrase. If the nominee is approved, this information will be used by the chairperson to help create a category/title for the actual award certificate, so this information is important.)

Summary of Nominee's Qualifications for this Award

(Please be complete in your description. If you don't supply sufficient information, the nominee may not be approved. Take as much space as necessary. Don't assume that the B.o.D. knows anything about the nominee.)

[illegible]

Date: Tue, 10 Feb 1998 21:04:45 -0500
From: W2MY & W2MBY <n2mnn@spacegate.com>
To: QRP-L messages <QRP-L@Lehigh.EDU>
Subject: [3539] Fox: Fri Fox changed to Saturday
Message-ID: <34E1073D.6F1F0ED@spacegate.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi everyone,

Once again, I want to remind everyone that I can't make the N/T Foxhunt

this Friday evening (February 14, 00:00 to 02:00 UTC). However, to accommodate the local hunters that don't get me often at night, I will be the N/T Fox, Saturday afternoon, between 19:00 and 20:00 UTC on the same day, Feb 14. The skip should not be as bad during that time.

72,

John, W2MBY
age:11

Date: Tue, 10 Feb 1998 21:15:18 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: qrp-l@Lehigh.EDU
Cc: n1tp@worldnet.att.net, mikememo@ibm.net, pmk@juno.com
Subject: [3540] Orlando
Message-ID: <34E109B6.A68@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tnx for all of the replies.

Maybe we can have a mini-qrp mtg on Saturday around 1100. For lack of a better suggestion, the Tallahassee ARS EC van between the exhibit buildings might be a good meeting place. If somebody can suggest a better meeting spot, I am ready to listen. I will get on .52 at 1100. Look forward to eyeballing everyone there.

Henry
N5HF

Date: Tue, 10 Feb 1998 21:30:09 EST
From: MSU1972@aol.com
To: qrp-l@Lehigh.EDU
Subject: [3541] New 40A
Message-ID: <85697d4a.34e10d33@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Just completed the Wilderness 40A...Great radio worked super the first time.

However, key click is a little annoying using a straight key (have yet to install the KC1). Added the 100 ohm resistor R25 per instructions and the click is still present (using Whiterook straight key).

Any other suggestions for curing the key click?

Tnx, David

(Talked to Wilderness and they suggestion maybe increasing ohms of resistor...have yet to try this)

Date: Tue, 10 Feb 1998 19:30:35 -0700

From: Steve Galchutt <n0tu@webaccess.net>

To: vole@primenet.com

Cc: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>

Subject: [3542] Re: FYBO Tale de AB7TT (short)

Message-ID: <34E10D4B.3A4A@webaccess.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hey Joe...No FYBO high score for N0TU this year...the "F" stood for the FLU and my "B" was working overtime. Had to stay close to the porcelin throne all day...REAL FUN(not)! Made a few contacts between flu missions! While listening to FYBO and feeling generally blah, I stuffed a few components into my Norcal Sierra (I found an unbuilt "Norcal" Sierra!). But inspite of the "Flu" I did manage to have "some" fun with FYBO. TKS for a the great event! Next year I'll try leave the flu out of FYBO!

But Sunday was new day...back to 100%...Worked a little DX on 15m (DL4 w/2W on my 40m loop...he was also QRP@5W) the band was good!

Your FYBO Tale was fun reading as were all the others here on the list...Sounds like your clan is going to be hooked on FYBO just for the sleding opportunities. Very clever man! Glad your ur short shaft on the ZM2 had a work around...(thank Mike for making that public) =8-)

CUL Steve/n0tu . .

Solar powered QRP/CW

"Camping" in Monument, CO....email:N0TU@webaccess.net

Date: Tue, 10 Feb 1998 20:03:11 +0000

From: Roger Hightower <n7kt@earthlink.net>
To: ku7y@sage.dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3543] Re: Learning CW Question
Message-ID: <34E0B27F.E3E748EB@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I believe you can find it at:

<http://www.tempe.gov/radio>

Dave Kelley, AI7R wrote a good one on learning at higher character speeds.

--

72/73, de Roger, N7KT

Date: Tue, 10 Feb 1998 19:11:26 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: qrp-l@Lehigh.EDU
Subject: [3544] Mega-Ham week! (long)
Message-ID: <Pine.BSF.3.96.980209113706.1356A-1000000@shell114.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang,

I just finished up what has to be one of the most memorable weeks in my hamming career. Two Sundays ago was the requisite First-Sunday-of-the-month Livermore swapmeet followed by the requisite Norcal meeting and burger feed. Lots of neat things there, as usual. I got home in the afternoon and decided to resume my attempts at launching a 40m dipole. My efforts the previous day were "for practice" ;-} ;-}

It was a comical exercise since it was my first experience with a slingshot. The trees kept swallowing the 1/2" nuts I was using for weights and consequently, the fishing line on the Zebco reel I was using kept getting shorter and shorter until there was almost enough. With a few tips from Bob, N6WG, and my bride's assistance, I had better luck on Sunday.

I gotta tell you about my better half, Diane. She comes up with some clever descriptions for all of the parts I tinker with. When I was experimenting with the R2 receiver, she identified the components on the breadboard as "an assortment of licorice bites (2N3904's), baby cans of

peas (Toko inductors), chiclets (ceramic caps) and sliced olives (ferrite toroids). Her observations can be quite amusing! Anyway, once the skywire was in the air, she inquired about the DNA molecule dangling from the center insulator. Shucks, and I had tried to keep the ladder line as straight as possible! Double helix in the sky tonight and all that...

I'm happy with me new antlers. It's the highest I've ever had (40ft), hears very well and seems to tune up well on all the bands.

Last Wednesday, I received my copies of "The Joy of QRP" and "The History of QRP" from Ade Weiss. I don't know why I waited as long as I did to order them. I'm thoroughly impressed!

The next day, I was able to bag my first fox since moving out West. The antenna gets out! The topper of the week was FYBO. I had chores to do in the garage, but I took periodic breaks to work the contest. Only 14 Q's, and they were memorable. The exchanges were the most pleasant I've ever encountered in a CW contest Bent the needle on the funometer. As the afternoon progressed, I wandered down to 40m from 20m and worked a few folks there. Then the big guns of NA-varone squashed any further hopes I had of adding Q's to the tally. That's OK, by that time, I was copying phantom code I was hearing from the furnace and clothes dryer.

Saturday also happened to be the day I turned the corner on another year of my life. I was quite happy to receive a subscription to Communications Quarterly and a Mongo(tm) deep cycle battery! I won't be needing to charge gell cells for a while, but a hernia truss might come in handy...

No operating time on Sunday, but I did manage to crawl under the house and straighten some feedline and grounding issues. Nice to have a reliable station ground now. I won't get *too* anxious with the schpitzen-schparken in the sky.

Just when I thought it couldn't get any better, last night I glanced over at the NorCal 40 sitting there on the operating table, looking forlorn. It was time to get back to basics. I picked it up, blew off the dust and plugged in the new pair of RS headphones I bought on sale a few weeks back. I dug around in my desk drawer, came up with the as-yet-un-QSO'ed South African sending iron and plugged that in too. The dedicated NC40 gell cell still had a charge on it and was pressed into service. Deciding to forgo the luxury of the DD-1 digital dial, I just squinted at the minute markings of the rotating turns counting dial until I knew I was in QRP territory.

A minute or two of scanning back and forth yielded N0CI calling CQ. After a pleasant, 20 minute chat I staggered off to bed, as thrilled with radio as I'd ever been.

72/3,
Bob - W3CD

Date: Tue, 10 Feb 1998 22:11:13 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [3545] Re: Learning CW Question
Message-ID: <3.0.1.32.19980210221113.010eabb0@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Another great site on CW is

<http://www.dutch.nl/wilbwk/INDEX.HTM>

PA3BWK's Ultimate CW Web Page.

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS (k8dd@ttr.com)
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM
*/ QRP-ARCI - Director MI-QRP - Vice Pres.
*/ <http://www.QRPARCI.org>
*/ <http://www.geocities.com/capecanaveral/2844/miqrp.htm>

Date: Tue, 10 Feb 1998 19:12:38 -0800
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [3546] Re: Learning CW Question
Message-ID: <199802110312.TAA24958@comtch.iea.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Monte Stark <ku7y@sage.dri.edu> wrote:

> Somewhere, out on the WEB, there is a paper that talks
> about why you shouldn't learn slow code. It starts you
> off up around 20-30 wpm if I remember right.

Could you be thinking of the article by David G. Finley, N1IRZ, Describing the Koch method, wherein the student learns first to discern two characters at 20 wpm, then three, then four, and so on?

If so, the URL is <http://griffy.nmt.edu/sara/sara/finley.morse.html>

--Frank, KC7YYR

Frank Grigaliunas, W. 1816 Dean, Spokane, WA 99201
fgrig@iea.com -==*- (509) 326-7147 -==*- <http://www.iea.com/~fgrig/>
"The Internet doesn't annoy people. People annoy people"

Date: Tue, 10 Feb 1998 19:56:06 -0800 (PST)
From: "David D. Meacham" <ddm@datatamers.com>
To: W7LS <w7ls@blarg.net>
Cc: qrp-1@Lehigh.EDU
Subject: [3547] Re: Grid Dip Meter?
Message-ID: <Pine.LNX.3.91.980210195417.16471A-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim,
Yes, a one-turn loop will work fine when the inductor is on the bench,
but my comments were meant for inductors wired into the circuit.
72, Dave, W6EMD

Date: Tue, 10 Feb 1998 20:08:03 -0800 (PST)
From: "David D. Meacham" <ddm@datatamers.com>
To: Leon Heller <leon@lfheller.demon.co.uk>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3548] Re: Grid Dip Meter?
Message-ID: <Pine.LNX.3.91.980210195856.16471B-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Leon,
Yes, link coupling will allow you to couple to the inductor, but I would worry that I was disturbing the inductance by the presence of the link.

In other words, I would not put too much trust in the accuracy of the frequency obtained. Even with air-core inductors one has to use very loose coupling to get the most accurate frequency, because the GDO oscillator is "pulled" by the coupling to the circuit.
72, Dave, W6EMD

Date: Sun, 7 Jan 1996 03:32:07 -0800 (PST)
From: Sam <kc5tja@animeonline.ml.org>
To: qrp-l@Lehigh.EDU
Subject: [3549] Re: Reginald A. Fessenden, 1866-1932
Message-ID: <Pine.LNX.3.96.960107033020.19667C-100000@animeonline.ml.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Feb 1998, S. Lee wrote:
> So Fessenden, perhaps, never received the acclaim he deserved. There's a
> good book which details his life:

Don't forget about Dr. Mayhlon Loomis (I don't think I spelled his first name right, but I know the last name is correct). Dr. Loomis invented and demonstrated the whole wireless "thing" when Marconi was only 8 years old.

For more information on him, contact w2zzj@amsat.org (I *think* that's his e-mail address; not sure though).

=====

KC5TJA/6		- TEAM DOLPHIN -
QRP-L #1447		Chief Architect and Project Founder
		(web page under construction)

Date: Tue, 10 Feb 1998 20:42:25 -0800 (PST)
From: "David D. Meacham" <ddm@datatamers.com>
To: qrp-l@Lehigh.EDU
Subject: [3550] EMTECH ZM-2 COMMENTS
Message-ID: <Pine.LNX.3.91.980210202536.16471E-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

I too have just finished (and tested) a ZM-2. It tunes and matches on all bands from 80 to 10. A really "neat" (per Doug Hendricks) tuner. The only thing I wish I had changed is the type of RF connector. The tuner is so small and light that using RG-8 and PL-259s could really cause problems. I'm using BNC-to-UHF adapters, but BNC connectors mounted on the panel instead of the UHF connectors (SO-239s) would have been better, in my opinion. I use RG-58C/U cable in the shack because it's so flexible.

There are two changes I did make:

- 1) I put the LED in a plastic holder instead of just poking through the panel hole.
- 2) I anchored the end turns of the large inductor with hot glue, pasting them to the core. This helps support the core and keeps the winding fixed.

72, Dave, W6EMD

Date: Tue, 10 Feb 1998 20:37:41 -0700
From: "Karl B. Staddon" <ve6kbs@agt.net>
To: ku7y@sage.dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3551] Re: Learning CW Question
Message-ID: <34E11D05.7717@agt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here's the site you may be refering to.

<http://griffy.nmt.edu/sara/sara/finley.morse.html>

Cheers de Karl VE6KBS, CALGARY, AB

Monte Stark wrote:

>
> Hi All,
>
> Somewhere, out on the WEB, there is a paper that talks
> about why you shouldn't learn slow code. It starts you
> off up around 20-30 wpm if I remember right.

>
> I have never really studied the paper but thought I would.
> But, now I can't find it!!
>
> I thought it was on KA9FOX's page someplace or at least a
> link from there. But still can't find it.
>
> If someone knows where it's located would you please let
> me know?
>
> Thanks,
>
> 73, Ron, SOWP 5545M,
>
>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
>QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 10 Feb 1998 21:59:42 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: Kevin Muenzler <wb5rue@stic.net>, Stephen Krosner <skrosner@mindspring.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3552] RE: CW Exam question
Message-ID: <3.0.1.32.19980210215942.00691a0c@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Steve, Kevin, and Group:

Here's what the FCC sez about Operator Licence Examinations,
Section 97.21(a)

"A telegraphy examination shall be such as to prove that a person has the ability to send correctly by hand and to receive correctly by ear texts in the International Morse code at the speed listed for the appropriate examination element."

Nothing said about copy by hand or otherwise that I could find in part 97.
In my ARRL VE Manual, it sez:

"Copying the Morse Code -- to Write or Type

While most applicants find it easiest to write the code that is copied, some ask to use typewriters, personal computers or Braille typewriters. The decision to allow the Morse code to be copied using any of the above

methods is left to the discretion of the VE team. The only concern we can identify that a VE team may have is the noise or distraction such devices might cause other examinees. VE teams must determine whether using such devices will affect other examinees, and if so, they must arrange for the examination to be administered at a time and/or place that will not cause distraction to others."

The text goes on to describe limitations and conditions that must be met by the examinee using the device. The implication is that the VE team must accommodate the examinees choice of methods for copying the code. And that's as it was back when the FCC did the exams. The "mill" users sat at one end of the room and the hand copy people sat at the other.

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Wed, 11 Feb 1998 04:17:43 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU
Subject: [3553] FYB0 Score - KA8OKH/qrp
Message-ID: <3.0.16.19980211034620.0897fca4@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

24 QSO's
19 SPC's
x1 temp

456 Total

My log can be found on my web page. It was fun for a few hours!
...Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qs1.net/ka8okh>

Date: Wed, 11 Feb 1998 04:17:48 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU

Subject: [3554] PIC related sites
Message-ID: <3.0.16.19980211041737.088f10de@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There have been several good PIC related URL's posted on the list in the last few days. I think I grabbed most of them. You can find the links on my web page under "What's New?"

I'm getting interested in this PIC and BASIC stamp stuff... like I need another project.

Seems like I saw a series recently in Nuts & Volts magazine regarding this stuff. So if you have a few copies laying around, you might want to look through them.

...Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Tue, 10 Feb 1998 16:50:59 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: microres@crl.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3555] Re: A receiver design without a detector
Message-ID: <FN11FMAzVI40EwJX@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <Pine.SUN.3.91.980210044500.3686B-1000000@crl9.crl.com>, Stanley Wilson <microres@crl.com> writes
>There have been several posts about xtal receivers recently. I thought I
>would add to the list about unusually designs.
>
>Would you believe a receiver without a detector ? It was invented in
>1902 by R.A. Fessenden. Yes, they did have communications in 1902. hi
>
>Fessenden invented the idea of the "heterodyne" or at least coined the
>use of the word in communications. His patent (British) used two RF
>carriers of slightly different frequencies (illegal today) and the
>receiver ear piece had two windings one going to a tune circuit for each
>of the carriers. The two beat together resulting in a difference

>frequency being heard.

>

>The ear piece acted as a full-wave rectifier. His original idea lead to
>the use of a locally generated carrier to replace one of the
>transmitters. The use of local generated carrier was pointed out at an
>even earlier date (1886) by Marius Latour to detect ultrasonic frequency.

There was an article about the Fessenden Rx in Electronics World a few months ago.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Tue, 10 Feb 1998 20:34:20 -0800
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [3556] QRP Sprint Team Results:
Message-ID: <34E12A4C.1DFCA667@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

The first ever QRP Team competition in the NA Sprint is over and the results are in:

QRP Warlords, 14,592 points.

K1MG

NQ7X

KU7Y

W4WS -- N4VHK Op

Les Petits Guerillas, 24,200 points.

KK6MC/5

N6GA

KJ3V

NC7W

This is the raw scores before any of us loose points for log errors!!
But it looks like there is a very clear winner.

Congratulations to all. And the next CW Sprint is in 6 months. Teams can be a total of 10 stations. Lets field more teams next Sprint and make them all 10 big!!

There was a team called something about Rap. One of the fellows used the name of Snoopy while another used CWC00L. Now if you don't think those names don't make you wonder if you can still copy code....!!

A few stations were unable to make the contest. My thanks to them for the thoughts. And one will be there next time if there is some electricity flowing down the wires!!

cul,
--
73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Tue, 10 Feb 1998 23:48:09 EST
From: SKIPNC90@aol.com
To: lbbarley@feist.com, qrp-l@Lehigh.EDU
Subject: [3557] Re: One Way Skip - DX -- FRUSTRATION!
Message-ID: <7a891ea0.34e12d8b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Bruce and the group.

I run into this One Way SKIP often at this end. I can hear the other stations and I'll call or just calling CQ and no answer. It doesn't matter if it is DX or State side. Just part of operating QRP.

73 De Skip NC90

Date: Tue, 10 Feb 1998 22:09:56 -0700
From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>
To: qrp-1@Lehigh.EDU
Subject: [3558] FYBO report
Message-ID: <3.0.3.32.19980210220956.006879b8@dante.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wow, what a blast! Last year I worked the FYBO from the home qth. This was a lot more fun. Had to work for awhile on Friday but drove on up to Paul's (NA5N) place in Socorro and we drove over to AZ with a stop at a famous cafe in Datil, NM. We got into Pinetop about sunset, checked into the motel, and then went hunting for Roger and Bob Hightower's place. Paul's GPS worked great except he had the wrong long/lat entered in and we shot past our destination. Using 146.46 simplex we got talked in post haste. Had a wonderful spaghetti dinner and got to meet the AZ ScQRPions/NM QRP mafia.

Paul and I were up at dawn (well, not quite) and went out for breakfast at the Pinetop Cafe. Went back to the motel and got stuff set up in the falling snow outside the motel amongst the tall cool pine trees. Had a couple of tables and chairs about 100 feet apart. Paul set up his SLV and his "shack in a box" MFJ rig. I hauled in big trolling motor battery (slight overkill but it's what I had) and hooked up the QRP+ to a Hamstick on 20m on top of Paul's new Bravada (nice car guy!).

Had some pretty good snow showers mixed with rain. Took us several hours of getting wet and cold (around 33F) to figure out that we could move the tables and chairs underneath some overhangs and stay protected from the precipitation. All that wet seemed to short out my paddles. Guess dropping one and stepping on it didn't have anything to do with it. We were both pretty well dressed. The only thing that got cold on us was our toes and finger tips. I won't say that I caught Paul on his bed, with his boots pulled off, cutting some z's, taking a needed break from the cold. And I won't say I did the same thing a couple of times, there are advantages to being within walking distance of civilization! I have to say that I was disappointed when I worked some of the nearby ScQRPions when they reported a temperature of 60F! (Wimps)

Quit around 6 pm local (0000z) and broke everything down. Went back to the Hightower's for some great Mexican food and great comraderie. Hey, these QRPers are some fun guys. Had breakfast with most of them Sunday morning at Denny's and then we headed out to return to NM.

I worked 32 stations, 18 s/p/c, field location, alternative power, and 33F temperature. I figure:

$$32 \times 18 \times 4 \times 2 \times 4 = 18,432.$$

I'll let Paul tell you his side of the story. I will say that I wasn't responsible for his missing log staying missing but I did lose it the first time.

I believe it was Paul that suggested changing FYBO to BYBO and move it to locations like Death Valley, or White Sands Missile Range in July! You figure out what the first B stands for?

Tim K5OI
Las Cruces, NM

Date: Wed, 11 Feb 1998 00:13:49 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-1@Lehigh.EDU
Subject: [3559] HW-9 KIT Wanted
Message-ID: <199802110513.AAA09708@smtp2.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello,

I wonder if anyone out there might have an unbuilt HW-9 to sell. I am not a collector and have no plans on re-selling it. My plans are to build and enjoy the rig. If someone does have one to sell, please email me directly and we will work something out.
Thanks!

72, Scott w3cv e-mail ke3nv@erols.com

Date: Tue, 10 Feb 1998 21:46:29 -0800
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [3560] re: EMTECH ZM-2 Comments
Message-ID: <34E13B35.1B531CE6@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Though I am prepping for my first Ham license, I have seen much talk about this ZM-2 tuner kit. I am contemplating on sending for the kit myself. My suggestion or request is...it would be nice if someone posted images of a finished product on their web page so some of us newbies could get some ideas on various designs.

Date: Wed, 11 Feb 1998 03:32:04 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Vic Rosenthal <rakefet@rakefet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3561] Re: CW Exam question
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

```
>
> It is also possible to use this for sending, if a key is not available. Just
switch
> the rig to 'USB' or 'LSB', and whistle into it. You must be very careful to
whistle
> a clean sine wave at a constant frequency, however, or your signal may violate
> stability/purity standards.
>
My IC-706 also came with one of these remote thingees. But you can
configure the Up/Down buttons to act as a paddle and send dits and dahs
on the built-in keyer. A little hard to send decent CW on though...
Haven't really found a good use for it yet...
```

Bob Patten, N4BP (0 0) Plantation, FL
o00o-()-o00

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Tue, 10 Feb 1998 19:08:31 EST
From: wd4nak@juno.com (CHARLES E HUX)
To: qrp-l@Lehigh.EDU
Subject: [3562] FS NW30
Message-ID: <19980210.190558.7895.0.wd4nak@juno.com>

FS NW30 built by Roy Gregson him self with a digital frequency read out excellent condition with manual's 175. ship conus. phone # 336 632 1336 or E-Mail.

Charles wd4nak@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 10 Feb 1998 19:21:06 cst
From: wj50@juno.com (William H. Hays)
To: QRP-L@Lehigh.EDU
Subject: [3563] test & re-new license info
Message-ID: <19980210.192109.18086.0.WJ50@juno.com>

Hello again,
Someone earlier had asked for the URL for re-newing the Amateur license via the Internet.
I posted the URL with QRP-L----It certainly didn't return a copy to my address.
The URL for re-newal is-----<http://www.fcc.gov/wtb/prod.html>

73 Bill WJ50

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 10 Feb 1998 15:56:06 PST
From: dave_epps@juno.com (edna m epps)
To: qrp-1@Lehigh.EDU
Subject: [3564] Mic-Key
Message-ID: <19980210.155637.9694.2.dave_epps@juno.com>

My mouse has a tick!
I finally got around to converting a computer mouse for use as a keyer
paddle
(tks Bill Jones) and It works far better than I thought it would.
I used a 3 button mouse and used the center key for the function button
of
the tick keyer. The Tick-2b is amazing.
dave ab5pc fresno, ca

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 10 Feb 1998 20:37:08 EST
From: wa8rxi@juno.com (Rick Arzadon)
To: n4xy@bellsouth.net
Cc: qrp-1@Lehigh.EDU
Subject: [3565] Re: TEK 422
Message-ID: <19980211.014117.4775.4.WA8RXI@juno.com>

Also, try:
Linda Perkins
Manual Merchant
2475 Loring St.
San Diego, CA. 92109
E-Mail linda_p@ix.netcom.com
Tel (619) 490-9076

I am in NO way affiliated, for information only!
72, Rick Arzadon - WA8RXI Taylor, MI.
[QRP-L #1368][ARCI #9050][MI-QRP #587]

On Tue, 10 Feb 1998 09:26:21 -0500 Ed Tanton <n4xy@bellsouth.net> writes:

>The 422 was a a sort of smaller, more portable, 453... it did indeed

>Address etc. shown below. He is a really nice guy, with all sorts of
>TEK

>

>Deane Kidd, W7TYR

>27270 S.W. Ladd Hill Road

>Sherwood, OR 97140

>

>Phone: (503) 625-7363 [after 9:00 AM Pacific Daylight time

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 10 Feb 1998 15:50:04 PST
From: dave_epps@juno.com (edna m epps)
To: qrp-l@Lehigh.EDU
Subject: [3566] Liquid Rubber
Message-ID: <19980210.155637.9694.1.dave_epps@juno.com>

Useing the (tool-handle-dip) liquid rubber as etch resist worked good,
but I don't
think it would work on real detailed boards.
I dipped the board (small) in the liquid rubber and when it dried I cut
out the
areas that I wanted etched with an X-acto knife and peeled the rubber off
of what
I had outlined. AT the time I was interested in making boards with large
copper
areas and small etched areas like the boards in "Joy Of QRP"
Now I find out that art supply stores sell liquid rubber in small bottles
and pens.
I will try that next as etch resist to protect the areas I want
un-etched.
Using the liquid rubber is nothing new as I see it mentioned in QRP
books..
It was just new to me and I thought it could be useful to others.
I have found that a crock-pot (slow-cooker) works great to heat the
etchant.

dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 11 Feb 1998 06:21:58 -0600
From: "JUNIUS B FOX" <w5hir@gte.net>
To: <qrp-1@Lehigh.EDU>
Subject: [3567] Stepper Motors
Message-ID: <01bd36e7\$a6279880\$dc6afed0@w5hir.gte.net>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0044_01BD36B5.5B8D2880"

This is a multi-part message in MIME format.

-----=_NextPart_000_0044_01BD36B5.5B8D2880
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Anyone who is going to try and use stepper motors for their projects =
e.g. loop
capacitor drive, robotics using stamps etc., will find a Jim dandy =
schematic
in Nuts and Volts in the Electronics Q & A section. It doesn't use any =
fancy
chips, just a couple of x-or gates and a couple of D edge flip flops and =
some TIP120 as coil drivers.

Thought you might like to know of the article.

Foxy
If it ain't broke, don't mess with it!

-----=_NextPart_000_0044_01BD36B5.5B8D2880
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
<HTML>
<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =

>Gang,
> Selection of a signal generator is tied to the
>intended use of same. A GDO is plenty of
>signal generator for some purposes, and a
>MFJ-259 with a counter built in is the next
>Lyn, W4WDN

And, I wanted to use the Frequency Counter in my MFJ-249. After several
tries, with
no luck, I called MFJ Tech Support and they told me that this instrument
needed at least .5V from its source to get a reading. I purchased the
RAMSEY SA-7
BroadBand Amp and installed internally. Now, it looks like I need some
sort of an attenuated probe. A straight piece of coax connected to the
"Input" BNC does not do its intended job and the 10x1 probe from my scope
is too much.
Any ideas on what I can use to properly read the output frequency, of say,
an
OHR-100A VFO ?
Probably some sort of Cap. in series with the Probe?
Any ideas would be greatly appreciated...
Thanks es 72, Rick
WA8RXI

>Bob Bayha wrote:
>
>> Hi Gang....
>>
>> While we have a thread going on on test equipment... could someone
>> educate me on RF signal generators.

And, I wanted to use the Frequency Counter in my MFJ-249. After several
tries,
with no luck, I called MFJ's Tech Support and they told me that this
instrument
needs at least .5 Volts an accurate reading

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 11 Feb 1998 07:26:42 -0600
From: Stan Wilson <microres@crl.com>
To: qrp-l@Lehigh.EDU
Cc: microres@crl.com
Subject: [3569] QRP RF Amplifiers - Discussion
Message-ID: <34E1A712.450A@crl.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

About a month ago or more, Danial 9V1ZV brought up the subject about adding a capacitor from the collector to ground on a solid state RF amplifier. I do not believe a definitive answer resulted.

The subject was first visited by W7EL in QST Oct 1978.

As builders of QRP rigs it is a problem that is of concern to all of us.

First our small rigs often generate more TVI (RFI) than our high power rigs even tho we shield them, etc..

Up until now the solution has been:

- 1) Add a zener from the collector to ground - various theories as to why. a) Zener turns on shorting negative spikes b) the capacity of the zener kills the spikes
- 2) Use a rugged output transistor. Use a 5 watt for a 1 watt stage
- 3) Add a 100 pf cap from collector to ground

Since the beginning we have been considering transistors as replacements for tubes. However, several characteristics of the transistor does not allow direct replacement.

Amplifiers are considered Class A if they conduct for the full 360 degrees of the input SINE WAVE. If correctly biased one will see a reproduction of the SINE WAVE at the collector (assuming common emitter)

Class B amplifiers conduct for 180 degrees and one will see a half wave at the collector if properly biased. Not a square wave but a half SINE wave.

Class C amplifiers conduct for less than 180 degrees and again one will see a portion of a sine wave at the collector.

If properly biased both tube and transistors amplifiers are linear

during the conducting cycle.

In a tube circuit if we over drive the grid, distortion, RFI, and tube failure quickly results. Transistors are more forgiving and go into saturation.

I think that many of the QRP RF amplifiers are over driven into saturation and as a result we do not get SINE wave (linear) amplification.

However, by adding the capacitor, zenor, diode, etc. to the collector we are running the stage CLASS E. Actually using square waves and expecting the tune circuit to restore a sine wave for transmission. Nothing wrong in doing so "IF" we design it correctly as a Class E and not try to run it as a Class C in saturation.

Comments - Discussion - ?

de stan AK0B

Date: Wed, 11 Feb 1998 08:42:46
From: Roger Braker <msebrakr@telepath.com>
To: qrp-1@Lehigh.EDU
Subject: [3570] New web site!
Message-ID: <3.0.1.16.19980211084246.3effeca6@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,
I've got my new web site up and going. You can check it out at
<http://www.telepath.com/msebrakr/arnoldpg.htm> Tell me what you think and
also about my theory of the traps. That is the way I understand them to
work but if I'm wrong please tell. Any other suggestions would also be
>welcome. Thanks.

73,
Arnold kd5ckh

Date: 11 Feb 1998 08:46:59 EST

From: <rflight@VNET.IBM.COM>
To: <klqrp@waterw.com>, <qrp-l@Lehigh.EDU>, <ae4ic@nr.infi.net>
Message-ID: <19980211.084659.ONEIL@RALVM8>

*** Reply to note of 02/10/98 21:09
Greetings from Gary O'Neil

```
-----  
>>           Learning from anothers success;           <<  
>>           is easier than learning from my own mistakes. <<  
-----
```

Subject: Re: Resolving KnightSMiTe Problems

.ddn nr.infi.net(ae4ic)

Bob;

I don't know how to fix the "No Subject Line" problem. I'm not using an Internet mail editor and I don't know how the software comes out on the other end.

On the voltage issue... The most likely thing to happen by running the rig at 15 volts is burn out of the final. This would depend pretty much on duty cycle because even the final is pretty hearty. The tantalum caps as you noted are rated low, but realistically have a pretty good margin. They don't do well if reverse connected however :-). Also... if the 15 volt supply is pretty dirty... has transient spikes riding on it (even with low peaks) they can stress the tantalum's.

As it turns out however... In the KnightSMiTe (as with any Pixie using the LM-386) none of the tantalum's are exposed to VCC. At 15 volts, only C10 is exposed and it sets a minimum of 4 volts below VCC or 11 volts worst case. It's exposure is pretty minimal and R5 provides current limiting which helps suppress the energy in transient spikes. I don't think we'll see too many tantalum's go bad if we deliver good ones in the first place unless we fall upon a bad batch. The ones we're using at the moment are quite high quality so I don't anticipate any failures other than the obvious ones from reverse connections, physical damage, and occasional 6 sigma felons :-).

With regard to responding to problems cited on the KL list and/or QRP-L, I've been attempting to respond to the ones asking for help. Many are simply..."this is what I did... this is what I'm observing... anybody else having this problem?" I view this as a healthy exchange of dialog typical of what we see fairly regularly on QRP-L. Most of them appear to have a pretty good command of what they're up to and get to

the heart of their problems fairly efficiently. They use the list as a vehicle to test their hypothesis. The idea is that if the issue is widespread, perhaps it's an artifact of the design. If it's unique to them, then they have something to troubleshoot. Most seem to solve their problems on their own if given the opportunity to do so. That's a part of learning and appears to be common practice on QRP-L at least.

I do feel obliged to comment on questions that I anticipate will come up often though to keep them from becoming an ongoing thread. Obviously, I home in on any posts with Help!!! in the subject line. I assume folks are at their wits end when they take such desperate action :-). For the most part however; I'm just trying to catch as catch can to follow the dialog as this story unfolds. If I spot something going off in a wrong direction, I'll jump in and respond, but I'll spend far too much time at the keyboard responding to every post. I do want to get going on another project pretty soon and have a bit of concern about finding a place in my schedule to fit that in. My motivation for doing a thorough job with the theory of operation was to enable the kit to be self sufficient. There are plenty of Elmers in our ranks who can take the schematic and theory of operation, and with board in hand, quickly resolve nearly any conceivable malady with this circuit. Even those with limited understanding, strong motivation and a reasonable amount of patience will be able to pretty much work through their problems on their own. For those who aren't quite as hearty, we will be here to help get them going. I think that should cover about everybody's needs. I'll certainly engage in any dialog necessary to resolve the few that our efforts have not sufficiently addressed.

.ddn nr.infi.net(ae4ic)

Regards;

Gary E. O'Neil

T/L 441-5750 - Outside (919)-543-5750
3039 Cornwallis Road, M/S W37/205
RTP, N.C. Bldg. 205/BB-003

Date: Wed, 11 Feb 1998 08:50:14
From: Roger Braker <msebrakr@telepath.com>
To: microres@crl.com
Cc: qrp-l@Lehigh.EDU
Subject: [3572] Re: QRP RF Amplifiers - Discussion
Message-ID: <3.0.1.16.19980211085014.35cffcc4@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,

Ok now I've got a question: What about the half of the SINE wave? IS that why two transistors are sometimes used or is this just to get more power? What determines which half of the SINE wave gets used? NPN or PNP?? Thanks.

73,

Arnold kd5ckh

At 07:26 AM 2/11/98 -0600, you wrote:

>Class B amplifiers conduct for 180 degrees and one will see a half wave
>at the collector if properly biased. Not a square wave but a half SINE
>wave.

>

>Class C amplifiers conduct for less than 180 degrees and again one will
>see a portion of a sine wave at the collector.

>

>If properly biased both tube and transistors amplifiers are linear
>during the conducting cycle.

>

>In a tube circuit if we over drive the grid, distortion, RFI, and tube
>failure quickly results. Transistors are more forgiving and go into
>saturation.

>

>I think that many of the QRP RF amplifiers are over driven into
>saturation and as a result we do not get SINE wave (linear)
>amplification.

>

>However, by adding the capacitor, zenor, diode, etc. to the collector we
>are running the stage CLASS E. Actually using square waves and
>expecting the tune circuit to restore a sine wave for transmission.
>Nothing wrong in doing so "IF" we design it correctly as a Class E and
>not try to run it as a Class C in saturation.

>

>Comments - Discussion - ?

>

>de stan AK0B

>

>

>

Date: Wed, 11 Feb 1998 08:50:02 -0600

From: Kevin Muenzler <wb5rue@stic.net>

To: Kevin Muenzler <wb5rue@stic.net>, Stephen Krosner <skrosner@mindspring.com>, "'Chuck Carpenter'" <w5usj@webwide.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3573] RE: CW Exam question
Message-ID: <01BD36CB.6F98FC80@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On Tuesday, February 10, 1998 9:59 PM, Chuck Carpenter[SMTP:w5usj@webwide.net] wrote:

> Steve, Kevin, and Group:
>
> Here's what the FCC sez about Operator Licence Examinations,
> Section 97.21(a)
>
> "A telegraphy examination shall be such as to prove that a person has the
> ability to send correctly by hand and to receive correctly by ear texts in
> the International Morse code at the speed listed for the appropriate
> examination element."

I've always taken this (...receive correctly by ear...) to also mean "write down by hand." But I can see in today's hi-tech world a computer/typewriter can have its uses. However, for me anyway, it has always been easier to write down the CW rather than type it out.

> Nothing said about copy by hand or otherwise that I could find in part 97.
> In my ARRL VE Manual, it sez:
>
> "Copying the Morse Code -- to Write or Type
>
> While most applicants find it easiest to write the code that is copied,
> some ask to use typewriters, personal computers or Braille typewriters.
> The decision to allow the Morse code to be copied using any of the above
> methods is left to the discretion of the VE team. The only concern we can
> identify that a VE team may have is the noise or distraction such devices
> might cause other examinees.

<snip>
> 72/73 -- Chuck, W5USJ, EM22cv
> Rains County, Eagle Capitol of Texas
> ARCI # 5422, QRP-L # 1306, FISTS # 3984
>

That is one of my major objections -- the noise, even if it is only tick, tick, tick. Rarely do I have just one testee at a time taking the tests.

I would probably allow someone to use a laptop and something like Microsoft Word(tm) to copy the CW test. I would probably stand right behind him for at least a portion of the test to be sure that HE is the one copying the CW and not his computer.

Kevin, WB5RUE

Date: Mon, 9 Feb 1998 13:15:15 -0600
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [3574] ARD Device Models
Message-ID: <351A2DFAE256D111883A0060B06B166229820D@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Has anyone come up with useful device models for ARRL's Radio Designer program?

We have lots of Spice models, but they don't apply to ARD, as it has a different scheme.

Looking in particular for 2N2222 (couldn't you guess?) and 2N3904 and 2N3906 devices. Plus anything else that might be available.

Any hope?

72, Bob N6WG

Date: Mon, 09 Feb 1998 08:34:55 -0700
From: Bruce Grubbs <bog@flagstaff.az.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [3575] Re: FYBO fun - palmtops/TRlog?
Message-ID: <3.0.5.32.19980209083455.0093ca90@mail.infomagic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The HP1001x doesn't have a parallel port, just serial and IR. I don't have it interfaced to the rig; we used an MFJ memory keyer. The Hp100 and 200's are standard DOS 5 machines using an 80186 cpu, which is 286 compatible. TRlog 4.05 runs fine. The HP100 has 640 kb of conventional memory, so it

can log 50,000 contacts as per the program specs. More than I'll probably work in one contest!

72

Bruce, N7CEE
packet: n7cee@n7cee.az.noam.us
email: bog@flagstaff.az.us

Date: Wed, 11 Feb 1998 08:52:25 -0700
From: ji3m@maxwell.com (James R. Duffey)
To: Joe Gervais <vole@primenet.com>
Cc: QRP-L@Lehigh.EDU
Subject: [3576] Nice Post, Nice Contest, When is BUBBA?
Message-ID: <v02130500b10775319d28@[192.31.66.158]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Joe - Nice post and it is good to see that you have the right priorities with the family, and apparently they with you. I am sure everybody tells you to enjoy them while you can, and I will too. They grow up fast; our oldest is preparing college admission forms.

You had good signals over here both for the FOX and FYBO events. I tried to work as many of you AZers as I could and got a total of 13, including all the defectors from NM except Brian. I don't know if he worked 40M, and the skip was a bit long to work Pinetop from here on 20M, although I did get my share of Texans on 20M. The bands were good here and activity never lagged too long. You have probably heard my tale of woe about 15M, and I am sorry to hear that you did not have any luck up there. Logs to follow. I promise this year Joe I really do.

By the way you changed the rules a bit on us this year didn't you? I didn't realize that until I started the contest. I had planned to use last years logs as I had been sick and could not go out to xerographically reproduce the forms you posted on the web this year. I dug up the logs I used last year that Bob N4BP made, only to find the temperature multipliers slightly different and the points for Novice/Techs eliminated. I think the exchange was slightly different as well. So I made my own from what paper I had available, an old Big Chief Tablet. The first 20 pages or so were unusable as someone had removed the wood chips to use for kindling.

Next year I think I will use two radios. That would have been ideal this

year. Set one on beacon and call CQ on 15M to drum up some activity, and use the other normally. Is that legal?

I love the FYBO contest as it gives me a chance to work the fellows I read on the list, and chat with them a little bit as well. Plus a little friendly competition between friends. Nice laid back activity.

I hope to see you at Tuthill. - Duffey KK6MC/5

Paul-The JY1 contact seems to be missing from my log too.

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Wed, 11 Feb 1998 10:57:18 -0500 (EST)
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
To: qrp forum <qrp-l@Lehigh.EDU>
Cc: muscolino_bruce@tmac.com, Monte Stark <ku7y@sage.dri.edu>
Subject: [3577] W6TOY down for a while
Message-ID: <Pine.BSI.3.96.980211105430.26636B-1000000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

W6TOY requested that I tell the world that he's going to be out of commission for a while. He had a hard disk crash on his home computer and it will take a while to restore things. In the meantime, if you need to contact him for something important, you can use his work account above.

Attn KU7Y: I sure hope he got his column for the QRP Quarterly off to you before this happened!

73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

Date: Wed, 11 Feb 1998 11:16:06 -0500
From: Guy Dragoo <gdrag@proedge.com>
To: "'wb5rue@stic.net'" <wb5rue@stic.net> (Receipt Notification Requested IPM Return Requested)

Cc: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU> (Receipt Notification Requested IPM Return Requested)
Subject: [3578] RE: CW Exam question
Message-ID: <"EXCHANGE-980211161606Z-1076*/PRMD=The Productive E/ADMD= / C=US/"@MHS>

Good day all,

I learned my code almost exclusively from the computer (except for a short time in my youth where Dad sent it to me manually....which when girls came along competed for my time and attention and lost soundly :-). Having relearned on my computer recently I found it much easier to copy code at higher rates when using the keyboard. Some of this I think was due to a conditioned response that when I heard a letter I pushed a certain key.... It seems all of the old timers say copying to a mill (next to in your head) is the fastest method to transcribe code. Good, bad or otherwise I am tied to my computer for high speed until I can copy in my head which is coming slowly.

I have to admit I am no god of CW but did go from novice to extra in a less than a year and I know I could not have done this if my examiners had not allowed me to use a laptop to "keyboard" the code. It seems that having the keyboard input (which is how I learned) was critical to my achieving higher rates.

FYI...the examiners required me to transcribe my document from my laptop to paper. This ended up adding another month to getting my extra because I answered all the questions correctly and then proceeded to have my laptop battery die before I could transcribe the text :-)

So my words of wisdom are as the Boy Scouts say "be prepared"

73

Guy AC5HL

From: owner-qrp-1@Lehigh.EDU
Reply To: wb5rue@stic.net
Sent: Tuesday, February 10, 1998 2:39 PM
To: Low Power Amateur Radio Discussion
Subject: RE: CW Exam question

I know that as a VE I won't allow any laptops during the test session. You MUST copy the CW onto paper with some sort of writing instrument. I think that most other VE's share this opinion. But then I could be wrong.

Kevin, WB5RUE

Date: Wed, 11 Feb 1998 11:15:12 -0500
From: Thomas J McCuen <TMcCuen@compuserve.com>
To: QRP-L Lehigh Server <qrp-l@Lehigh.EDU>
Subject: [3579] High speed code
Message-ID: <199802111115_MC2-32E1-B650@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

I feel like a novice agn!! :) =

I'm stuck at the 25 wpm level.... I can copy letters but I'm at the point where it's too fast to write (and I don't type faster either) and it seems=

I'm not hearing more than the few basic words such as - the/of/etc.
What I have to do is hear more words to get past this block, just hang at this point.

So, the question is how to get past this 25 wpm level?? Any tips wanted.=

I asked this question at our local QRP meeting and got a few methods for high speed code so I figured I ask here to see what other tid-bits are out there.

Tnx in advance
Tom aa2vk

Date: Wed, 11 Feb 1998 16:43:16 +0000
From: Ed Loranger <we6w@qsl.net>
To: msebrakr@telepath.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3580] Re: New web site!
Message-ID: <34E1D524.620A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Roger Braker wrote:

>
> Hi Guys,
> I've got my new web site up and going. You can check it out at
> <http://www.telepath.com/msebraker/arnoldpg.htm> Tell me what you think and
> also about my theory of the traps. That is the way I understand them to
> work but if I'm wrong please tell. Any other suggestions would also be
> >welcome. Thanks.
>
> 73,
> Arnold kd5ckh

I think you've got an excellent start on your web page. Good job.
-Ed

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Wed, 11 Feb 1998 11:55:53 -0500
From: jim nestor <nestoji@home.com>
To: qrp-l@Lehigh.EDU
Subject: [3581] PIC code and such
Message-ID: <34E1D819.B1589883@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

First of all, thanks to Laura and others for the time spent helping newcomers to PIC programming.

Although I'm relatively new to "PICing", I have been fiddling around with microprocessors since about 1971. I recently bought a PIC programmer from ITU, the PicBASIC compiler from microEngineering Labs, and a couple of 16F84s to play with.

I have used a simple protoboard available from most of the mail order houses, and a fancier one with switches & Leds from the UK. So far, I've managed to make the PICs send CW, read an external analog/Digital converter, flash LEDs, and send RS-232 to a PC. Great fun!

I have a bunch of projects in-mind, most of them related to QRP and

camping, including charging RayOVac Renewal alkaline batteries, and a simple digital display for QRP rigs (I know it's been done before).

I'd also like to incorporate some simple CW keyer code into the display PIC.

I've seen a posting or two about "simple" keyer code. Does anybody have some code they'd like to share with us?

I've generally found that the easiest way to learn a new programming language such as PIC assembler is to start with somebody else's code, analyze it, modify and debug it. Especially if it's well-commented.

As I progress with my projects, I'll be glad to share the code with them list if that's of interest.

Somebody recently said that the PIC is the "555 of the future" or something like that. The possibilities for use in ham-related circuits is terrific. Let's play...

72/73,

Jim

Date: Wed, 11 Feb 1998 12:01:01 -0500
From: "W. D. (Doc) Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:TMCCuen@compuserve.com" <TMCCUEN@compuserve.com>
Cc: QRP Discussion Group <qrp-1@Lehigh.EDU>, "Doc (W.D.) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [3582] High speed code (Longish reply)
Message-ID: <199802111204_MC2-32E2-11D4@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Tom:

Well I am no CW expert....but am operating at a higher speed than ever before in my 38 years as a ham. (Plus I was away from the hobby entirely for 33 years.)

What I have done is try to work contests and DX, where high-speed CW is the natural language. Don't worry if you don't get everything, just copy what you can. IE, if all you can copy are the call signs and basic exchange

such as RST, do it!

Another thing I do is simply force myself to listen to QSO's at far higher speeds than where I am comfortable. That is an old tennis trick--play someone who is better/stronger/faster...and you eventually adapt to the higher level.

Third, I occasionally answer a really high speed CQ and try to QSO with them, even though I may make lots of mistakes. Suddenly one day I am at a higher level. Last night I worked a guy with my keyer set at 42 wpm. This was a little slower than he was, but we talked for probably 20 minutes. Never could have done this a year ago.

Fourth, practice sending CW at very high speeds. I found that by forcing myself to concentrate on sending, my speed went up. Plus by listening to what I am sending, I am getting faster.

Last, try to copy the high speed stuff from ARRL. They start high and go lower. Just turn it on and listen, even if in the background. That BTW is yet another idea--just have high speed CW playing on your receiver. For me, at least, it just seems to soak in.

Just my \$.02 worth. Good luck in the quest. By the way, it took me over six years to memorise the complete CW alphabet, etc. Thought it would never happen. So I am no expert, merely a veteran.

72/72,

--Doc Lindsey/K0EVZ qrp-1 861 Grid EN34
MWBC
519 16th Street SE
Rochester, MN 55904
507-289-5108 (evenings)

Date: Wed, 11 Feb 1998 00:28:39 -0500
From: "tom palmer" <n1tp@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [3583] dits and dashes
Message-ID: <19980211172751.AAA29618@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Not counting punctuation and using no number greater than 999, can anyone think of another sentence with a higher percentage of dits?

"She is her 5th sis, es wishes she is fishing."

Not counting punctuation and no number greater than 999, can anyone think of a sentence with a higher number of dashes? "Tom, take 100 tomtoms to town tomorrow."

Tom, N1TP, Naples, Fl.

Date: Wed, 11 Feb 1998 11:32:36 -0600
From: "JUNIUS B FOX" <w5hir@gte.net>
To: <qrp-1@Lehigh.EDU>
Subject: [3584] Stepper Motors
Message-ID: <01bd3713\$0b30dd60\$486afed0@w5hir.gte.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang, I was just informed that somehow my options had gotten changed from text to HTML. Sorry about that.

I will repost the posting...

Anyone who is going to try and use stepper motors for their project will profit by reading the section in Nuts and Volts called Electronics Q&A. There is a neat schematic covering the stepper driver circuit. It is simple and straightforward. It uses chips that cost about \$.99 each. The cost of the coil drivers TIP120, I don't know, but don't think they are too much.

Foxy

If it ain't broke, don't mess with it!

Date: Wed, 11 Feb 1998 00:35:29 -0500
From: "tom palmer" <n1tp@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [3585] dits and dashes:
Message-ID: <19980211173443.AAA27119@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Make that: She is his 5th sis, es wishes she is fishing.

Make that: "Tom Too, take 100 tomtoms to town tomorrow."

Tom, N1TP, Naples, FL.

Date: Wed, 11 Feb 1998 18:02:19 +0000
From: Ed Loranger <we6w@qsl.net>
To: n1tp@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3586] Re: dits and dashes:
Message-ID: <34E1E7AB.5FA2@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom to Mom, "I took 100 tomtoms to Motown, mom. 75 Dahs, 9 dits; 34 letters.

Make that: "Tom Too, take 100 tomtoms to town tomorrow." 34 ltrs.
70Dah/14 dits.

--
Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Wed, 11 Feb 1998 13:08:52 EST
From: N9DD@aol.com
To: TMcCuen@compuserve.com
Cc: QRP-L@Lehigh.EDU
Subject: [3587] Re: High speed code
Message-ID: <5f2f933c.34e1e936@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-02-11 11:19:11 EST, you write:

<< So, the question is how to get past this 25 wpm level?? Any tips wanted.
>>

Are you still printing what you copy, or do you write it in script? My code copying ability took a big jump up when I switched from printing to script.

I think the reason for this helps is twofold:

1. Its easier to write faster and keep up with the code.
2. When writing, you naturally have to wait until the next letter to know how to "finish" the one you are on - many letters are formed differently depending on what letter follows. This forces you to copy behind. After some practice at it, you naturally relax and don't try to stay on top of each letter that is sent.

I switched years ago when I was first learning to copy. It should help at the speed you are at too.

Tom N9DD
South Bend, IN
<http://members.aol.com/n9dd>

Date: Wed, 11 Feb 1998 13:17:18 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: klqrp@waterw.com
Cc: "N.J. QRP Club List Server" <njqrp@njqrp.org>, QRP List <qrp-l@Lehigh.EDU>, G-QRP Club E-mail Reflector <gqrp-l@blacksheep.org>
Subject: [3588] Re: KNIGHTSMiTe (fwd)
Message-ID: <Pine.BSI.3.96.980211125350.1279E-1000000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Joe,

I hope you don't mind our sharing your elegant but simple solution to a rather common problem.

I have taken liberty of passing it along to qrp-l and g-qrp-l as I am sure that many others will be interested in such a "KISS" of an idea.

Isn't it amazing how we overlook the most simple solutions at times.

I can see it now EmTech will launch yet another version of the ZM-2 ATU.

The new options might include a PIXIE II (KnightSmite) and/or a TRIXIE (Pixie with TICK Keyer). I guess that should be quite simple no that all the hard work is done. It is just a matter of ordering the kits and a bit of repackaging. :^) Maybe include a gell cell and Plug in Solar Panel. :^)

I just found some Solar Battery Chargers for \$ 32.00 each plus shipping.

Contact me private email if interested.

Looking forward to Dayton.

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@abs.net
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789

On Tue, 10 Feb 1998 jeverhar@camden.lmco.com wrote:

<Snipsky>

```
> > From: James Wells <JDWELLS@fcc.gov>
> > To: knights@waterw.com
> > Subject: KNIGHTSMiTe
> >
> > I have just finished building this kit and it seems to work great except for
> > the fact that I am near(several miles away) from a strong AM broadcast
> > station on 770 Khz. I realize this is a direct conversion receiver but I am
> > interested if anyone has some ideas on how to filter out or add some
> > type of RF gain control. I put a 1K pot on the antenna input for a test and
> > it reduced the AM broadcast interference. Of course I had to turn the pot
> > when I transmit since it also reduces the transmitter output.
> >
> > Anyone have any ideas?
> >
> > Thanks
> >
> >
> > Jim (KE5Q)
> >
> > ===== KL QRP Club Mailing List =====
> > To unsubscribe from this list, send email to listserver@waterw.com
> > and put the text "unsubscribe klqrp" in the message. To post a
> > message to the list, send email to klqrp@waterw.com.
> >
> > Pardon me for repeating the whole quote, but I think that it is
> > relevant.
> >
> > I faced a similar problem with my Pixie 2 (and other direct conversion rigs
> > over the years. In fact I posted a fix on the NJQRP web page a week or so
> > back.
> >
> > Direct conversion receivers are notorious for am rectification problems.
> > There are various cures, but few are easy to implement on something as
```


> simple as the Pixie or KNIGHTSMITE.

>

> There **is** one fairly simple fix if you are so equipped. The AM broadcast
> signal is getting into your rig via the output pi network (the two capacitors
> to ground and series inductor between the output transistor and antenna.

>

> This acts as a low pass filter to give a little selectivity to the
> transmitter to prevent harmonics from being radiated. However since it is
> a low pass filter, it lets 80 meter signals through and anything below
> 80 meters, including the AM broadcast band. Soooooo what is needed is
> something to keep the stuff below 80 meters from getting thru.

>

> One simple answer and what I used was my MFJ 941C antenna tuner. I put it in
> line between my Pixie and antenna and adjusted it for best SWR on 80 meters.
> Now a simple antenna tuner like that acts as a high pass filter, allowing
> signals "above" its tuned frequency through and rejecting those below. Presto!
> No AM rectification even though I have two strong AM stations within a couple`
> of miles of my house. The combination of a low pass filter and a highpass one
> form a band pass response that lets only 80 meter signals through. And note
> even though a tuner is not needed to match your antenna to the rig, it will
> help with the filtering.

>

> OK that's one problem potentially solved. However I also noticed that when I
> use my Pixie at night, I still get some AM rectification. But it was not from
> stations in the AM broadcast band - it was from a very strong broadcaster up
> at about 7400 kHz, right above the 40 meter band. "But," you say, "how can
> this be? I already have a low pass filter at the output of my rig."

>

> Well unfortunately you do have a filter, but the shortwave broadcaster has
> such a strong signal that it pounds through the filter. and causes problems.

>

> Solution? Well I just found one! This last weekend I built a ZM-2 tuner.
> And guess what! It is a bandpass filter with sharp tuning! With this guy in
> line and tuned for 80 meters, the 40 meter broadcast signal is rejected and so
> are the AM broadcast stations. Problem solved.

>

> OK so what if you don't have an antenna tuner? Well that is left as a problem
> for the interested student. :-) Hint, build a simple bandpass filter such
> as a series tuned circuit and put it between Pixie/SMITE and antenna.

>

> 72/73,

>

> Joe E., N2CX

> ===== KL QRP Club Mailing List =====

> To unsubscribe from this list, send email to listserver@waterw.com

> and put the text "unsubscribe klqrp" in the message. To post a

> message to the list, send email to klqrp@waterw.com.

>

Date: Wed, 11 Feb 1998 13:32:39 -0500 (EST)
From: Martin Squicciarini <skitch@resuba.com>
To: qrp <qrp-1@Lehigh.EDU>
Subject: [3589] No Fox Tonight
Message-ID: <Pine.LNX.3.91.980211133014.586A-100000@resuba.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Due to circumstances beyond my control I will not be able to be the Fox tonight. I hope this message reaches everyone before the hunt. Thanks all.

72/73
Marty Squicciarini NR3Z
skitch@resuba.com (home)

Date: Wed, 11 Feb 1998 13:56:20
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [3590] New 9850 VFO kit update
Message-ID: <3.0.3.16.19980211135620.22cf9574@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy serious homebrew'ers!

Couple of months ago I did a "market survey" to see if there was enough interest in a new 9850 VFO and yes, there was. A few have recently asked how it was coming along, so figured it's time for a general update.

I just finished building the first prototype and man, is it cute. In the survey, I asked if there was a preference to having the tuning knob to the side or under the display. The response was split 50-50, so figured the thing to do was to put the push buttons and encoder off board so you can locate them where ever you want.

It looks like I can have these ready in 6-8 weeks. Price will stay at \$125.00 PP CONUSA. Besides being a great little qrp rig VFO, this will also make a nice GP signal generator.

I still have the list of names of interested parties from the original post, but it would be good if you reconfermed you intrest and some of you might have missed the original post. I'd like to get an idea of how many of these to order parts for.

For those of you who missed the original discription, here's a run down on the VFO.

The final design is two boards, both 1.5" H x 2.0" W. One is the display-controller board and the other is the DDS board. I've set it up so the DDS board can plug directly into the back of the display board, making a module that's about 1.3" deep. Or the DDS board can be mounted away from the front panel in a better, lower noise enviorment, where it should be.

The VFO uses a small 8 char x 2 line LCD display. Output range is audio to 40 Mhz, in 1 Hz min steps. Tuning steps are selectable from 1 Mhz to 1 Hz steps. Tuning is continus, not limited to just ham bands. It has RIT and XIT. A progammable IF offset is included for making a direct reading Rx display. The offset direction can be selected using an I/O pin to be high side or low side injection, but will automaticly switch to the opposite direction if it places the LO freq outside of the VFO's operating range. The VFO is designed to directly produce the transmit frequency and is the frequency shown on the display. An I/O input is used for T/R selection.

There are 51 user frequency memories, stored in eeprom. Location 00 is used as the default power on frequency. The VFO can be digitaly calibrated to correct for tolerances in the reference clock. Provision is made for inputting an external reference clock if desired.

The DDS output is low pass filtered at 43 Mhz to eliminate images and other VHF spurs. The output is buffered by a MMIC and will have about a 0 dBm output level.

73,72

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: 11 Feb 98 8:46:45
From: "mahlon.r.haunschild" <mahlon.r.haunschild@ac.com>
To: sam <kc5tja@animeonline.ml.org>
Cc: "low power amateur radio discussion" <qrp-l@Lehigh.EDU>
Subject: [3591] Re: Reginald A. Fessenden, 1866-1932
Message-ID: <9802111949.AA9592@notes2.compuserve.com>

Mime-Version: 1.0
Content-Type: Text/Plain

That would be "Mahlon" (I oughta know :))

73

Mahlon - N4EEE

kc5tja @ animeonline.ml.org (Sam) (Mailed by: kc5tja @ animeonline.ml.org
(Sam) @ internet)
01/07/96 03:32 AM EST
To: qrp-1@lehigh.edu ("low power amateur radio discussion") @ internet
cc: (bcc: Mahlon R. Haunschild)
Subject: Re: Reginald A. Fessenden, 1866-1932

<snip>

Don't forget about Dr. Mayhlon Loomis (I don't think I spelled his first
name right, but I know the last name is correct). Dr. Loomis invented and
demonstrated the whole wireless "thing" when Marconi was only 8 years old.

<snip>

Date: Wed, 11 Feb 1998 12:19:42 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: "James R. Duffey" <ji3m@maxwell.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3592] Re: Nice Post, Nice Contest, When is BUBBA?
Message-ID: <Pine.SUN.3.90.980211082031.29978E-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 11 Feb 1998, James R. Duffey wrote:

> Next year I think I will use two radios. That would have been ideal this
> year. Set one on beacon and call CQ on 15M to drum up some activity, and
> use the other normally. Is that legal?

The "normal" format for contests is that a Single Op entry can only
have one signal on the air at a time. You can bounce back and forth
between two bands calling cq, but with only one at a time on the air.

But it's Joe's contest and Joe's call!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 11 Feb 1998 12:26:47 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: Thomas J McCuen <TMcCuen@compuserve.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3593] Re: High speed code
Message-ID: <Pine.SUN.3.90.980211121952.904A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Tom,

I'd listen to CW up at 30-50wpm. Soon you will begin to hear more and more words.

When you go back to 25 it will sound slow!

I advocate always starting your sessions by listening to code that is MUCH faster than you can copy. Just relax and listen to it much like you do music. Just enjoy the sounds.

Every few minutes you can slow it down a bit if you are using a computer. Soon you will be hearing "it, the, and" and etc. As you continue slowing down, pick up a pen and start copying if you like.

What you will find is that you will take a jump in speed!

Always remember to relax and enjoy it. Don't get up tight and try to copy every dit! Just let it happen.

But start FAST, not slow.

In my opinion one of the very worst things you can do is

to start listing to code at a speed you are comfortable. When you go up you are also going into a tense almost panic state! You just know you can't copy that and guess what? You can't!

When going from fast to slow, it's best to cover the speed display. Wait until after you are copying well and then look. You will be in for a surprise! If not I'll buy you a cup of coffee at Dayton or PacCom!!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 11 Feb 1998 14:40:19 -0600
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU
Subject: [3594] ANT SUPPORT: BEST WAY
Message-ID: <0005F590.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Gang,

I have a 135' c.f. dipole up at the new QTH. One end is supported by a tree (up about 25'). The antenna slopes gently downward to a fence in the backyard. This end is up about 15'. So, this leaves the feed point only about 12' above the ground - not very high for almost any band.

The antenna loads up well (80-10m) thru the tuner and I have worked many stations including DX. My desire, however, is to raise the feed point up to at least 20-25' which should help make it a bit better performer.

Question 'o' the day: How can I raise that 15' end up higher? I have this end of the antenna attached to a

board which is bolted to the fence. I need some good, sturdy support to thrust this side up even higher. Something like a push-up pole which is not too heavy, but will hold up in some wind/weather.

Any ideas? I'm anxious to get this done while the nice pre-spring wx is here.

As always, many thanks to all.

73 de Dave NR3E
nr Dallas, TX
qrp-1 #25

Date: Wed, 11 Feb 1998 13:44:59 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: ku7y@sage.dri.edu
Cc: qrp-1@Lehigh.EDU
Subject: [3595] Re: Nice Post, Nice Contest, When is BUBBA?
Message-ID: <199802112044.NAA12737@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:19 PM 2/11/98 -0800, you wrote:

>On Wed, 11 Feb 1998, James R. Duffey wrote:

>

>

>> Next year I think I will use two radios. That would have been ideal this
>> year. Set one on beacon and call CQ on 15M to drum up some activity, and
>> use the other normally. Is that legal?

>

>The "normal" format for contests is that a Single Op entry can only
>have one signal on the air at a time. You can bounce back and forth
>between two bands calling cq, but with only one at a time on the air.

>

Yeah, but the Frostbite Sprint ain't no normal contest :^). Abnormal condx, abnormal operators :^))

73,
Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
<http://www.dancris.com/~ki7mn>

Date: Wed, 11 Feb 1998 21:05:22 +0000
From: Ed Loranger <we6w@qsl.net>
To: kreinbd@ccgate.dl.nec.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3596] Re: ANT SUPPORT: BEST WAY
Message-ID: <34E21292.1616@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a most excellent solution that I use at my QTH.

Drill a 2 foot section of 2x4 with a 1-1/4 inch hole.
Push a 3 or 4 foot broom handle down thru the hole
and into the ground so that about 1 or 2 feet of broom
handle sticks up. This should be about 8 inches away from
the base of the fence.

Directly above and at the top horizontal brace on the fence,
nail another section of 2x4 wood that has a 1-3/4 inch hole
bored thru it such that you can pass a aluminum mast down
thru the hole and over the broom handle and supported by
that block of wood.

Now all you need to do is have about 30 feet of aluminum tubing
about 2 inch diameter or better, and with one special modification
of the top piece, you are done.

Top piece: Get a 2 or 3 foot section of 1/2 inch or less diameter
pvc pipe. Drill a hole thru the top section of aluminum tubing and
pass the pvc pipe thru halfway. Use a sheetmetal screw to secure
the tubing, and/or tape it from moving.

Tie a small diameter rope, (I use Braided Chalk line) to the
dipole end, pass the rope through the pvc and tie off at the fence
so that it is in-line with the dipole, but down at a 45 degree
from the top of the aluminum mast. Tie another line approx. 2/3
the height of the mast and anchor in a like manner to the fence.

I have had no problems with this even in high 50 MPH winds. The
rope through the pvc top pipe lets the mast sway a little bit and
keeps the stress off the dipole. Also, I sometimes move the mast
over to our picnic table and run it down the hole in the middle

of the table, anchoring the mast in the umbrella stand!

By slipping the dipole support rope inside the top pvc pipe,
you can move your mast around the yard without even taking anything
down.

My solution. Try it!

Cheerfully shared with you all,
Ed Loranger, we6w

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Wed, 11 Feb 1998 21:20:42 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3597] Re: ANT SUPPORT: BEST WAY
Message-ID: <34E2162A.3389@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

>
> I have a most excellent solution that I use at my QTH.
>
> Drill a 2 foot section of 2x4 with a 1-1/4 inch hole.
> Push a 3 or 4 foot broom handle down thru the hole
> and into the ground so that about 1 or 2 feet of broom
> handle sticks up. This should be about 8 inches away from
> the base of the fence.
>
> Directly above and at the top horizontal brace on the fence,
> nail another section of 2x4 wood that has a 1-3/4 inch hole
(-----^-----
(Now that only works for smaller tubing :)
I meant 2-3/4 for my 2-1/2 inch tubing.....

000PS! Just drill a big enough hole to fit the tubing you use.

> bored thru it such that you can pass a aluminum mast down
> thru the hole and over the broom handle and supported by
> that block of wood.

>
> Now all you need to do is have about 30 feet of aluminum tubing
> about 2 inch diameter or better, and with one special modification
> of the top piece, you are done.
ra in one Day.)

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Wed, 11 Feb 1998 21:27:44 +0000
From: Ed Loranger <we6w@qsl.net>
To: kreinbd@ccgate.dl.nec.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3598] Re: ANT SUPPORT: BEST WAY
Message-ID: <34E217D0.1E0E@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David, If you can't find enough tubing that nests, one inside
the other at the ends, I have a method I used and it is
described on my web page under "Field Day Vertical".

http://www.qsl.net/we6w/projects/FD_ant.txt

Here's the snippet on making a coupler to join same-sized tubing:

NOTE: Coupler is hand made, Cut 6.5 inch off extra tubing.
Hacksaw the 6.5 inch piece along the long axis, BUT DONT
cut the tube IN HALF!!! Set the 6.5 in. tube (Now with
a slot), in a Bench Vise and Curl the bottom end a little
at a time along its length until it will curl and fit
snugly in one of the 4 foot Female sections.

I hope you have fun and this works for you.
-Ed

--

Recipient of coveted Samuel F. B. Morse Award, NTTC Pensacola, FL 1977.
72/73 de we6w qrp es CW ONLY; Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (From Non-Ham to Extra in one Day.)

Date: Wed, 11 Feb 1998 16:36:46 -0500
From: joel malman <malman@world.std.com>
To: qrp-1@Lehigh.EDU
Cc: malman@world.std.com
Subject: [3599] NE-QRP Winter Meeting
Message-ID: <199802112136.AA21148@world.std.com>

Group,

Is there anyone that has plans to go to the NE-QRP winter meeting,
Mar 15 at ARRL HQ that I can ride with? From Concord Ma it is about
100 miles - we could share the cost of tolls and gas.

Please contact me directly: malman@world.std.com

thanks,

/joel wa1qvm

Date: Wed, 11 Feb 1998 16:44:42 -0500
From: Rick McNelly <72507.235@compuserve.com>
To: qrp-1@Lehigh.EDU, resmith@primenet.com
Subject: [3600] Radio Shack Frequency Counter
Message-ID: <199802111649_MC2-32F0-CEE6@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Ron Smith wrote:

<I was in Radio Shack late last week and the handheld Frequency Counter was
still at \$100. I questioned them on when it was on sale and it seems last
September it was on sale for \$75. If you find it in any Radio Shack for \$40
let me know because all the stores should be selling it for the same price.>

Hi Ron,

my local RS had a '97 catalog and looked it up for me. I didn't write down
the
number but I think it was the same as the '98 catalog but the last digit was
different.

It is in the computer for \$39.95 but none of the local stores had any in stock.

72/73's,

--Rick, KE4IZH

Chesapeake, Va.

Date: Wed, 11 Feb 1998 16:44:48 -0500
From: Rick McNelly <72507.235@compuserve.com>
To: qrp-1@Lehigh.EDU
Subject: [3601] NA5N 38 Magnum?
Message-ID: <199802111649_MC2-32F0-CEE7@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

<Paul (NA5N) was showing off a really neat little project. Guaranteed to be first on my shopping list when it's ready!>

Ok, I'll bite. What is this thing labeled 38 Magnum? I checked out the FYBO pictures and it looks pretty cool. Is the panel meter some kind of freq display? The picture isn't clear but it looks like it has a calibrated scale of some kind.

You guys keep dropping all these hints but no one seems to be talking!

72/73's,

--Rick, KE4IZH

Chesapeake, Va.

Date: Wed, 11 Feb 1998 16:44:52 -0500
From: Rick McNelly <72507.235@compuserve.com>
To: fifield@pacbell.net, qrp-1@Lehigh.EDU
Subject: [3602] Re:Test Equipment
Message-ID: <199802111649_MC2-32F0-CEE8@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

I have an MFJ259, and I've been experimenting with making a better version (maybe as a Norcal kit one day, who knows...) using a DDS.

I have a 1GHz frequency counter, 8 digit, so I have never used the '259s counter in anger.....I guess that it will be pretty insensitive, you'll probably do better to add a wide bandwidth (untuned) amplifier in front of it...maybe one of those MAV11 type devices from MiniCircuits? It certainly will be accurate enough for all the ham applications we are likely to use it for on HF/low VHF.

Thanks for jumping in Dave,

I think the wide bandwidth pre-amp idea is super! You're improved 259 sounds interesting especially as a NorCal kit. Can you elaborate?

72/73's,

--Rick, KE4IZH

Chesapeake, Va.

Date: Wed, 11 Feb 1998 15:06:59 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-1@Lehigh.EDU
Subject: [3603] Re: NA5N 38 Magnum?
Message-ID: <199802112206.PAA20074@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Wed, 11 Feb 1998 15:03:17
>To: 72507.235@compuserve.com
>From: Bob Hightower <ki7mn@dancris.com>

>Subject: Re: NA5N 38 Magnum?

>

>At 04:44 PM 2/11/98 -0500, you wrote:

>

>>Ok, I'll bite. What is this thing labeled 38 Magnum? I checked out the FYBO
>>pictures and it looks pretty cool. Is the panel meter some kind of freq
>>display? The picture isn't clear but it looks like it has a calibrated
scale of

>>some kind.

>>

>

>It's a red herring....but not the herring aid 5, or whatever.

>

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

Date: Wed, 11 Feb 1998 17:21:14 -0500

From: "Buck, Preston D" <BuckPD@corning.com>

To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>

Subject: [3604] FOX: N/T+ Fox Alert Thursday night - N0LGM

Message-ID: <6B137F61081DD0118DF600805FEAC5C5C8EC8D@SILVER.CORNING.COM>

Content-Return: allowed

Mime-Version: 1.0

Content-Type: text/plain

Greetings All,

Just an alert that I am the N/T+ fox for this Thursday from 1900-2100
EST. (13 Feb 98 0000-0200 UTC). I will be using the Yeasu 757GX at 5w
feeding a G5RV at 20ft.

I just scheduled my VE exam for 23 Mar so come work me because I can use
the practice.

BTW does anybody have any of the ARRL study guides for Gen/Adv/Extra
that they would be willing to sell? I've got some studying to do.

BTW2 - I sent my address change to the FCC on 3 Feb. QRZ had my new
address yesterday. One week. Wow.

Preston, n0glm, Southern NY State

Date: Wed, 11 Feb 1998 05:28:15 -0500
From: "tom palmer" <n1tp@worldnet.att.net>
To: <qrp-l@Lehigh.EDU>
Subject: [3605] spelling errors
Message-ID: <19980211222715.AAA24992@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

It's embarrassing how many times on this network the word "using" is misspelled as "useing." Tom, N1TP, Naples, FL.

Date: Wed, 11 Feb 1998 14:30:48 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [3606] Contest logging programs
Message-ID: <01bd373c\$b36ccf60\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Judging from the replies to my question, there is a lot of interest in contest logging software.

For those who like to read the last chapter of a book first, the overwhelmingly preferred program is (drum roll, please) TR Log.

Here are the comments:

CT: (by K1EA, see <http://www.ve7tcp.ampr.org/software/ct>)
"CT sucks"; user can't define contests; poor support; but never once crashed or lost data
Use it but prefer NA.
Used CT; prefer TR.
Used CT for years and am comfortable with it; they are all good.
CT by K1EA is no longer supported.
NA: (by K8CC, see <http://www.contesting.com/datom>)
Prefer NA over CT because NA is user configurable (contest formats, etc)
Used NA; prefer TR.

DX4WIN: (see <http://www.erols.com/pvander>)

Free upgrades

LogEQF:

Fast and courteous support; shipment problem corrected quickly.

LOGic by PDA: (see <http://www.hosenose.com>)

Will connect to DX clusters via internet; award tracking, good search capabilities; callsign lookup; rotator control; rig control; qsl generation; expensive; available on CD-ROM; good support from author; hard to set up new contests -- requires Visual FoxPro programming; designed for Win 95/NT.

Total Ham Plus:

Going out of business.

WJ20: (see <http://www.webprint.com/wj20>)

For contests and regular logging; callsign lookup, rig control, IOTA tracking; 'Go List' interface; useful data bases: DXCC, buro addresses, beam headings, etc.

TR log: (by N6TR; see <http://www.pth.com/tr>)

Buy TR now!

Full QSK; user definable; speed up/dwn; full support; lower cost.

Cheap; well supported, fast, configurable

Wins over NA; can be simple or fancy; more intuitive than NA; will work w/ DOS box in Win95;

\$60; lifetime update subscription available for \$100; will run in Win 95 DOS box.

TR! very configurable.

Used CT, NA, TR, but TR is best; has practice mode to help prepare for contest QRQ.

Too many updates! but WOW!; supports ARCI contests; runs under W95 DOS box but CW is broken up.

TR is best for CW ops; also best all round.

TR works with win 95 on Pentium 133; used in many contests; lots of features.

Pencil:

works, no learning curve.

Lots of information. Overwhelming preference for TR Log. Sounds to be the best supported, most featured, most adaptable program for contest logging.

Thanks to all the folks who took the time to respond, some with very lengthy messages. Thanks especially to KU7Y who gave a play-by-play description of a typical contest using TR Log. This was very helpful. Thanks to all who sent web site information -- that sure makes it easy to comparison shop.

So far, my own experience is that the questions I emailed to K5TR, who sells TR Log, were answered swiftly and clearly.

My thanks to AD6AY, KA8OKH, WB3AAL, W5VBO, N4PK, WZ2T, K5TR, KU7Y, D. MacDonald, K5OI, W3CV, N0TFI, KI0G, K8CV, AE4IC, VE7CQK, NQ7X.

Mike K1MG

Date: Wed, 11 Feb 1998 15:57:50 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-1@Lehigh.EDU
Subject: [3607] QRP RFI...
Message-ID: <3.0.3.32.19980211155750.00930100@eloi>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

I just can't resist commenting on the following statement extracted from a previous post:

>>>>

<excerpt>First our small rigs often generate more TVI (RFI) than our high power

rigs even tho we shield them, etc..

</excerpt><<<<<<<<

While I was initially trying to get my 38S up and running, I was running it "naked" into a dummy load at about 3W out. The XYL hollered "What are you doing down there?" (her usual "knee-jerk" reaction whenever the TV burps, lights blink, or she smells something when I am out of sight...). Turns out she was watching Satellite TV (Primestar) and the 38S was totally wiping it out! No interference was visable when viewing the local VHF channels. That is the ->ONLY<<- time any of my rigs have ever bothered the Primestar receiver! (I believe it operates somewhere in the 1-2GHz range. No idea what its IF frequency is.) When I finished "tweeking" the 38S and put it in a metal box, no more interference... :-)

Idaho Larry (W1HUE)

Date: Wed, 11 Feb 1998 17:57:27 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-1@Lehigh.EDU
Subject: [3608] Dayton Room Reservation Info
Message-ID: <3.0.1.32.19980211175727.00e305c4@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-ARCI FDIIM Dayton Hamvention 1998

The list of calls is in a separate message.

The rate for the rooms are:

\$72.00 plus 12.5% tax and a \$1.00 safe deposit (if you use it - make sure that you let the front desk know if you do or do not want the use of the safe deposit box).

That comes out to \$81.00/nite w/o the safe.

You can put as many bodies in the room as you can live with!

**** Standard answer number one for this week! ****

No rooms at the moment. But in the next week or three or so there may be some openings assuming that there will be:

- a. cancellations
- b. those who do not/will not call Days Inn with a credit card

to

hold the room

- c. do not respond to us by email or postal mail

I'm sure a. will happen

I'm sure b. may happen

I'm sure c. will possibly happen

In any event, we can put you on the standby list, and if anything comes up

I'll let you know.

Smoking or non smoking?

one bed or two?

nights? we th fr sa su?

there is a 3 night minimum on the contract

\$72 per night plus tax.

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS (k8dd@tir.com)
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM
*/ QRP-ARCI - Director MI-QRP - Vice Pres.
*/ <http://www.QRPARCI.org>
*/ <http://www.geocities.com/capecanaveral/2844/miqrp.htm>

Date: Wed, 11 Feb 1998 18:05:34 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-1@Lehigh.EDU
Subject: [3609] Dayton list of names/calls. WITH TABS!
Message-ID: <3.0.1.32.19980211180534.00e305c4@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There are tabs between the name and the call. Sorry if they don't work with your mail reader, but what counts is if you can find your name!

ADAMS,CHUCK	K5FO
ALLEN,BRYAN	KD8MK
ANTCZAK,ERNEST	NC8N
ARNETT,STAN	AC8W
ARZADON,RICK	WA8RXI
BENSON,DAVE	NN1G
BLANCHARD,DENNIS	
Bohlander,Tom	WA3KLR
BROMLEY, JAY	W5JAY
BRUNER,BOB	WB4TAJ
BRYCE,MIKE	WB8VGE
CADMUS,CLATON	KA0GKC
CAMPBELL,ROY	KN6QS
CATES,JIM	WA6GER
CORBIN,LOWELL D	W8IQB
CUMMING,JOHN	VE3JC
CZUHAJEWSKI,MIKE	WA8MCQ
DAILEY,RICH	KA8OKH
DIANA,GARY	N2JGU
DOUBLEDAY,DAVID	WA8HDR
DOUGLAS,PRESTON	WJ2V
EAST,LARRY	W1HUE/7
FINCH, BOB (BAAB)	W9YA

FIRLIK, DON	K8AQZ
FISHPOOL, TONY	G4WIF
FITTON, JIM	W1FMR
FRIESS, ROBERT	N6CM
FRISZ, TOM	N9DD
GILGER, MARK	WB0IQK
GOFF, RANDY	KD8G
HENDRICKS, DOUG	KI6DS
HETHERINGTON, JEFFREY	VA3JFF
Hideg, Steve	N8HSC N8HSC
HIGHTOWER, BOB	KI7MN
IRONS, RALPH	N7RI
JOBE, RANDY	N9YAI
JOHNSON, BYRON	WA8LCZ
JOHNSON, LEE	KE0MC
KELLNER, RICHARD	W5RXP
KELLOGG, ROBERT	AE4IC
KELSEY, BILL	N8ET
KINSLEY, JEFF	KB8CDD
Kraus, Howard	K2UD
LEWALLEN, ROY	W7EL
LUCAS, NORMAN	WB6RVR
MANUEL, ED	N5EM
MASSENA, FRED	KG8OK
MATHESON, HUGH	K0QD
Mitsunaga Yoshimasa	JR3Q0V
MOSCOLINO, BRUCE	W6TOY
NICHOLS, BOB	7J3AAL
PASSIONE, VINCENT	WA2ECP
PHELPS, MATTHEWES	KE4BIG
PIERCE, GEORGE	WA5ABS
PITUCH, STEVE	W2MY
REID, GLEN	K5HGB
ROOT, TOM	WB8UUJ
RSGB Marcia Brimsom	2E1DAY
RUSCHEL, AL	N4TME
SHILHANEK, TERENCE	W0PFR
SMITH, WAYNE	K8FF
SWITZER, LT	N8CQA
SZAKONYI, RICHARD	KA3ZOW
TANTON, ED	N4XY
TERRES, JEROME	AA10F
THERLE, AL	WB6RUU
THOMAS, PETER	
TRIER, STEPHEN	KG8IH
VALKO, PAUL	W8KC
WHITE, BOB	W03B
WIDMAYER, GARY	N8AYY

Wohlschlag,Dick WA9FLX
WRIGHT,BRUCE KG8SJ
WRIGHT,VERN W6MMA
YOUNG, PAUL

WB6PBM
W6SKG
W6JL
W6JTB

Standby list - in order of request:

FIFIELD, DAVE AD6AY
Horton,John KE7CW
,BRUCE KS4V

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS (k8dd@tir.com)
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM
*/ QRP-ARCI - Director MI-QRP - Vice Pres.
*/ <http://www.QRPARCI.org>
*/ <http://www.geocities.com/capecanaveral/2844/miqrp.htm>

Date: Wed, 11 Feb 1998 16:15:55 -0700
From: "Ron Smith" <resmith@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [3610] Re: spelling errors
Message-ID: <00c701bd3743\$5c6c9b80\$1722a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>It's embarassing how many times on this network the word "using" is
>mispelled as "useing." Tom, N1TP, Naples, FL.

And your point is?

BTW: "embarassing" is spelled embarrassing and "mispelled" is spelled misspelled.

Ron Smith

Amateur Radio Callsign: KD7VD
Boise, Idaho
E-mail: resmith@primenet.com
QRP-L #1291...ARCI #9580...NorCal #????
AK/QRP #352

Date: Wed, 11 Feb 1998 17:14:10 -0600
From: Lynn Simons <lsimons1@ix.netcom.com>
To: n1tp@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3611] Re: dits and dashes
Message-ID: <34E230C2.90EB511E@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey Tom,

Neat thing you have thought up here. This is a lot like the things the people at Mensa do. Are you in that prestigious organization by any chance?

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Wed, 11 Feb 1998 15:22:12 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3612] FS/Trade: NGC 15M SSB/CW Transceiver
Message-ID: <34E232A4.DC8C30BC@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I bought this for mobile use, but it's too big for my car:

NGC SSB/CW transceiver, 10 or 2 watts output (it has ALC, so it should be easy to adjust for 5 watts if you wish) on 15 meters only. It has a digital display, noise blanker, mobile bracket, microphone, and manual. Excellent working condition: I would call it 'mint' if I had the original box. It's about 9" x 7" x 2-1/2", so it's sort of "large mobile size". Needs 13.8 volts at 2 or 3 amps.

Only \$135 shipped CONUS or --get ready for a good deal-- trade for a perfect Vibroplex Iambic paddle plus \$45 (this is the large twin-lever model -- not the smaller 'brass racer' type).

Vic K2VCO
Fresno CA

Date: Wed, 11 Feb 1998 18:21:56 EST
From: DYARNES@aol.com
To: qrp-1@Lehigh.EDU
Subject: [3613] Re: EMTECH ZM-2 COMMENTS
Message-ID: <462ae086.34e23296@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi all,

I'm another smiling face who just completed a ZM-2. Doug's comments (KI6DS) are absolutely right on, and Dave Meacham's suggestions (W6EMD) are excellent. This tuner is already a real winner, but there always seems to be someone out there with a way to make something better.

Speaking of better ideas, I also built the original version (ZM-1). It was already a great tuner in my view, but I must say that the addition of Dan Tayloe's SWR indicator (parts included at no extra charge in the ZM-2) makes this tuner a real home run! You now can have a tuner that is wonderfully compact, tunes unbelievably fast, matches BOTH coax and balanced line, and tells you when it's tuned! For 50 bucks, you can't beat that with a stick, partner!

Boy, do I enjoy being around all these very smart people!

72 de David W7AQK

Date: Wed, 11 Feb 1998 15:32:02 -0600
From: "QRPDave" <QRPDave@ocsnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [3614] What, pray tell, does FYBP\0 mean?
Message-ID: <19980211234956796.AAA266@QRPDave>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Sorry to show my ignorance, but can someone tell me what FYBO means?

QRPDave

Date: Wed, 11 Feb 1998 17:00:40 -0700
From: ji3m@maxwell.com (James R. Duffey)
To: qrp-1@Lehigh.EDU
Subject: [3615] Java Transmission Line Calculator
Message-ID: <v02130503b107e2f88c5e@[192.31.66.158]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

If you need to do transmission line calculations, there is an on line Java applet at;

<http://fermi.la.asu.edu/w9cf/tran/>

I have used it and it seems to have everything one needs, including a graphical display (color) of impedance (both R and X) as a function of distance along the transmon line, voltage and current as a function of distance, as well as power, current and voltages for 1500W input, again as a function of distance! Presumably the later is to insure that transimssion line specs are not exceeded.

Anyway it is a nice tool, particularly if you are contemplating doing some of Cecil's transmission line matching, or want to know why your tuner won't tune your ladder line fed dipole.

I am interested in learning about other Java applets on the net. If you know of others please let me know. If I get enough I will post a summary. -

Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

End of QRP-L Digest 998

